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May 14, 2018

Chad V. Seely
Vice President, General Counsel and Corporate Secretary
Electric Reliability Council of Texas, Inc.
7620 Metro Center Drive
Austin, TX 78744

Dear Mr. Seely:

This letter is a formal request by Oncor Electric Delivery (Oncor), AEP Service Company (AEPSC), and LCRA Transmission Services Corporation (LCRA TSC) for the Electric Reliability Council of Texas (ERCOT) to grant critical designation status for the Riverton – Sand Lake 345 kV Line, Sand Lake – Solstice 345 kV Line, and the Bakersfield – Solstice 345 kV Line projects.

Both the Riverton – Sand Lake and Sand Lake – Solstice 345 kV lines and their associated station work are currently being reviewed by stakeholders and ERCOT through the ERCOT Regional Planning Group (RPG) Project Review Process, as part of The Far West Texas Project 2. Oncor submitted this project to the RPG on Feb 1, 2018. The Bakersfield – Solstice 345 kV Line and its associated station work was previously reviewed by the ERCOT RPG as part of the original Far West Texas Project. The Bakersfield – Solstice 345 kV Line received approval by the ERCOT Technical Advisory Committee (TAC) in May 2017 and by the ERCOT Board of Directors in June 2017.

The original Far West Texas Project as submitted to the RPG on April 20, 2016, proposed, among other things, the new Riverton – Sand Lake and Sand Lake – Solstice 345 kV Lines as part of a new 345 kV transmission loop in Far West Texas. ERCOT did not approve these pieces of the project in its Independent Review of the Far West Texas Project dated May 23, 2017 based on the load projections for the area at the time. At that time, the committed load on the existing Oncor Wink – Culberson Switch 138 kV Line and the Oncor Yucca Drive Switch – Culberson Switch 138 kV Line (together referred to as The Culberson Loop) was expected to be approximately 600 MW by 2022.

In ERCOT's Independent Review of the Far West Texas Project, it indicated that closing the 345 kV loop from the Riverton to Sand Lake to Solstice switching stations would be needed when the load level on The Culberson Loop reached 917 MW, and an additional Dynamic Reactive Device would be needed when that load reached 1037 MW. Since that time, load growth in the area has significantly outpaced the original study projections for the project. As of February 1, 2018, Oncor has contractually committed load requests that will cause the total peak load served

by The Culberson Loop to exceed 1000 MW in 2022. With the current forecast fast approaching the load serving thresholds indicated by ERCOT's Independent Review, these scope additions to the original Far West Texas Project are needed as soon as possible.

Recent studies for when The Culberson Loop load reaches over 1000 MW show that the loss of the radial Odessa EHV – Riverton 345 kV Line, a NERC category P1.2 contingency, or the loss of the double circuit Odessa EHV – Riverton 345 kV Line (if a second circuit is approved between Moss and Riverton), a NERC category P7 contingency, result in multiple voltage violations and service interruption to all customers served within The Culberson Loop (1013 MW of load in 2022). This analysis also highlights the impact that taking a clearance on the radial 345 kV line will have on customers since a 345 kV source is critical to maintaining service to customers served on The Culberson Loop.

It should be noted that the load may develop sooner than 2022, potentially as soon as 2020, based on potential load additions that are currently in contractual discussion with Oncor. As of May 1, 2018, the potential load to be served in The Culberson Loop could reach over 1600 MW based on the summation of current customer inquiries. The speed at which many of these customers are coming online has already proved the difficulty to planning, designing, constructing and operating facilities to adequately and reliably serve the load in a timely fashion. The high rate of growth in this area of the ERCOT system makes incremental "wait-and-see" plans for transmission facility improvements insufficient for reliable, "on-time" service to customers.

As a result, in order to continue to provide reliable service to significant load in Far West Texas, there is now a critical need to close the previously considered 345 kV loop and create an alternative transmission feed for the 345 kV source at Riverton as soon as possible. Creating this bi-directional feed would address the previously discussed reliability criteria violations, reduce the potential for load shedding events, and increase operational flexibility of the radial Odessa EHV – Riverton 345 kV line.

The Riverton – Sand Lake 345 kV Line is a necessary component required to close the 345 kV loop from Riverton to Sand Lake to Solstice. After RPG review, in January 2017 ERCOT recommended Oncor's Riverton – Sand Lake 138 kV Line project, recommending it to be constructed to 345 kV standards but operated initially at 138 kV. Oncor filed its CCN application as such on July 21, 2017, with a final decision due from the Public Utility Commission of Texas (PUCT) before July 21, 2018. Currently, a Proposal for Decision (PFD) is expected to be reviewed at the PUCT Open Meeting on May 10, 2018, in which there were no exceptions filed to the PFD's recommendation to approve the project. Assuming the new Riverton – Sand Lake line will be constructed to 345 kV standards, ERCOT's critical designation for this line's upgrade to 345 kV operation will allow for a faster ability to place this new 345 kV circuit into service.

In addition to the Riverton – Sand Lake 345 kV Line, the Sand Lake – Solstice and the Bakersfield – Solstice 345 kV Lines are required to close the 345 kV loop. AEP Texas and LCRA TSC have been actively working on the CCN Application for the Bakersfield – Solstice 345 kV Line and plan to file with the PUCT for approval of this line in the Fall of 2018. Oncor and AEP Texas will be initiating appropriate environmental and routing assessments for the Sand Lake – Solstice 345 kV Line shortly, with plans to also file the CCN application in the Fall of 2018 concurrent with the Bakersfield – Solstice 345 kV Line application.

As mentioned in previous correspondence, Oncor is implementing remedial operational schemes to mitigate post-contingency voltage violations in The Culberson Loop area until additional facilities can be built to reliably serve the increasing load. This will include various low voltage load shed schemes, transfer trip schemes, and load restoration procedures. In some instances, these measures will prohibit timely restoration of customers' electricity service, putting potentially hundreds of megawatts of continuous process type customer loads at risk of extended service interruptions depending on the outage scenario. Without a looped 345 kV source supplying The Culberson Loop, reliably serving the expected 1000+ MW of load in that area will be problematic. As a result, a critical need exists in this area of the ERCOT system to relieve the multiple operational challenges through the construction and operation of the 345 kV infrastructure described in this letter.

It is for these multiple operational and reliability needs that Oncor, AEPSC, and LCRA TSC are requesting critical designation status for the Riverton – Sand Lake 345 kV Line, the Sand Lake – Solstice 345 kV Line, and the Bakersfield – Solstice 345 kV Line. With the critical designation and six month administrative review at the PUCT, the in-service dates for these projects could be accelerated by six months or more, which would allow the utilities to serve the committed load more reliably and minimize the timeframe the system would be subject to the operational risks described above. The needed 345 kV infrastructure is critical to the ability to reliably serve loads already interconnected as well as the expected load growth in this area of the ERCOT system.

Best regards,

Eithar Nashawati
Director – Assets Planning
Oncor Electric Delivery

Kristian Koellner
Director, Transmission Planning
LCRA Transmission Services Corporation

Wayman Smith
Director, Transmission Planning
AEP Service Company

CC: Warren Lasher
Woody Rickerson
Jeff Billo

Cheryl Mele

ercot

ELECTRIC RELIABILITY COUNCIL OF TEXAS, INC.
BOARD OF DIRECTORS RESOLUTION

WHEREAS, after due consideration of the alternatives, the Board of Directors (Board) of Electric Reliability Council of Texas, Inc. (ERCOT) deems it desirable and in the best interest of ERCOT to accept ERCOT staff's recommendation to (1) endorse the need for the Far West Regional Planning Group (RPG) Projects (Option 3), which ERCOT staff has independently reviewed and which the Technical Advisory Committee (TAC) has voted unanimously to endorse, based on North American Electric Reliability Corporation (NERC) and ERCOT planning reliability criteria, and (2) designate the Riverton-Sand Lake, Sand Lake-Solstice, and Solstice-Bakersfield 345 kV lines as critical to the reliability of the ERCOT System pursuant to Public Utility Commission of Texas (PUCT) Substantive Rule 25.101(b)(3)(D);

THEREFORE, BE IT RESOLVED, that the ERCOT Board hereby (1) endorses the need for the Far West RPG Projects (Option 3), which ERCOT staff has independently reviewed and which TAC has voted unanimously to endorse, based on NERC and ERCOT planning reliability criteria, and (2) designates the Riverton-Sand Lake, Sand Lake-Solstice, and Solstice-Bakersfield 345 kV lines as critical to the reliability of the ERCOT System pursuant to PUCT Substantive Rule 25.101(b)(3)(D).

CORPORATE SECRETARY'S CERTIFICATE

I, Vickie G. Leady, Assistant Corporate Secretary of ERCOT, do hereby certify that, at its June 12, 2018 meeting, the ERCOT Board passed a motion approving the above Resolution by unanimous voice vote with no abstentions.

IN WITNESS WHEREOF, I have hereunto set my hand this 12th day of June, 2018.

Vickie G. Leady
Assistant Corporate Secretary

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ERCOT Independent Review of Oncor Far West Texas Project 2 and Dynamic Reactive Devices

Version 1.0

Document Revisions

Date	Version	Description	Author(s)
05/21/2018	1.0	Final Report	Xiaoyu Wang, Ying Li, Priya Ramasubbu
		Reviewed by	Prabhu Gnanam, Shun Hsien (Fred) Huang, Jeff Billo

Table of Contents

1. Executive Summary

In June 2017, the ERCOT Board of Directors endorsed the Far West Texas Project (FWTP), a Tier 1 transmission project to address the transmission needs both in the Culberson Loop area and the Barilla Junction area that could reliably serve the Culberson Loop load up to 717 MW. Since the approval of the FWTP project in 2017, Oncor has confirmed that the Culberson Loop has contractually-confirmed load levels that surpass ERCOT's indicated 717 MW limit for the approved Far West Texas Project. Therefore, the endorsed FWTP project was assumed to be in-service in 2020 for the purpose of this study.

In December, 2017, Oncor submitted the Far West Texas Dynamic Reactive Devices (DRD) Project to the Regional Planning Group (RPG) to meet the summer 2019 Culberson Loop load need. The proposed DRD project was estimated to cost $86 million and was classified as Tier 1 project. At the time the DRD project was proposed, the Culberson Loop was projected to have 650 MW by 2019 and 790 MW by 2022 with the inclusion of the existing and confirmed load requests in the area.

In February, 2018, Oncor submitted the Far West Texas Project 2 (FWTP2) to address reliability requirements and ensure the transmission system in the area is able to meet the projected contractually-confirmed load level in the Culberson Loop. The proposed FWTP2 project was estimated to cost S194 million and was classified as a Tier 1 project. At the time the FWTP2 project was proposed, the Culberson Loop was projected to have 775 MW by 2019 and 1013 MW by 2022 with the inclusion of the existing and confirmed load requests in the area.

As of April, 2018, Oncor has confirmed that the Culberson Loop now has contractually-confirmed load levels of 880 MW for 2019 and 1013 MW for 2022. Oncor has also indicated that additional, known potential (not yet contractually-confirmed) load increases in the Culberson Loop may push the total to 1339 MW.

Based on the DRD and FWTP2 proposals, ERCOT completed the combined independent review for both projects together to determine the system needs for both near-term and long-term in a cost effective manner while providing flexibility to meet potential load growth in this region.

Based on the forecasted loads and scenarios analyzed, ERCOT determined that there is a reliability need to improve the transmission system in Far West Texas. After consideration of several project alternatives, ERCOT concluded that the upgrades identified in Option 3 meet the reliability criteria in the most cost effective manner while providing flexibility to accommodate near-term and future load growth in the area of study. Option 3 is estimated to cost $327.5 million and is described as follows:

- Construct a new approximately 40-mile 345 kV line on double-circuit structures with two circuits in place from Sand Lake Switch Station to Solstice Switch Station
- Add two new 600 MVA, 345/138 kV autotransformers at Sand Lake 345 kV Switch Station
- Install a new 345 kV circuit on the planned Riverton – Sand Lake double circuit structures
- Install the second 345 kV circuit on the Odessa EHV – Riverton 345 kV line double circuit structures between Moss and Riverton (creating a Moss – Riverton 345 kV circuit)
- Construct a new Quarry Field 138 kV Switch Station in the Wink – Riverton double-circuit 138 kV line

- Construct a new approximately 20-mile Kyle Ranch – Riverton 138 kV line on double-circuit structures with one circuit in place from Kyle Ranch 138 kV Switch Station to Riverton 138 kV Switch Station
- Construct a new approximately 20-mile Owl Hills – Tunstill – Riverton 138 kV line on double circuit structures with one circuit in place from Owl Hills 138 kV Switch Station to Riverton 138 kV Switch Station
- Install the second 345 kV circuit on the planned Solstice Switch Station – Bakersfield Switch Station double circuit structures
- Install one 250 MVAR STATCOM at Horseshoe Springs 138 kV Switch Station
- Install one 250 MVAR STATCOM at Quarry Field 138 kV Switch Station
- Install 150 MVAR static capacitors at Horseshoe Springs 138 kV Switch Station.
- Install 150 MVAR static capacitors at Quarry Field 138 kV Switch Station

Reactive support components, including the STATCOMs and capacitors, should be implemented by 2019 if feasible to accommodate the projected 880 MW Culberson Loop demand. Remedial operational schemes may be required in the Culberson Loop area to mitigate post-contingency voltage violations in the near-term until all of the recommended transmission upgrades can be put in-service to meet the Culberson Loop area load growth.

2. Introduction

Over the past several years the Far West Texas Weather Zone has experienced high load growth. Between 2010 and 2016 the average annual growth rate was roughly 8%. This strong growth rate was primarily driven by increases in oil and natural gas related demand. Figure 2.1 shows the total projected load (MW) served from the Culberson Loop as indicated in the Oncor's Far West Texas Project 2 (FWTP2) RPG proposal.

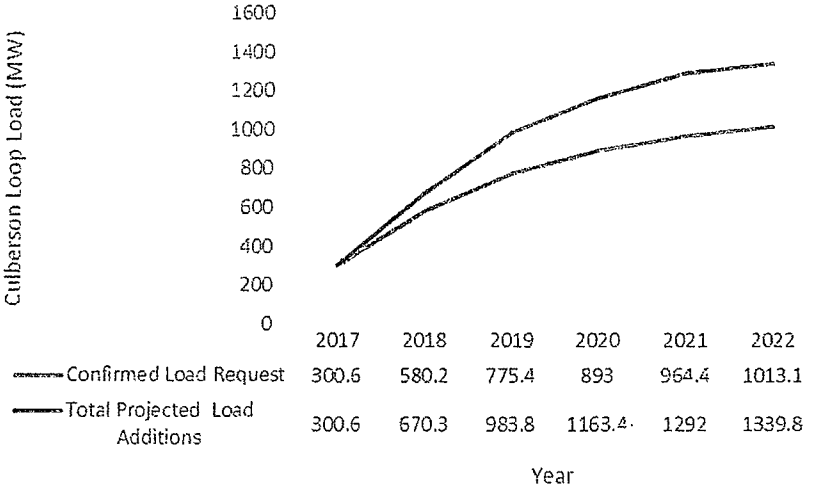

Figure 2.1: Total Projected Load (MW) in the Culberson Loop

Load growth along the Culberson Loop has led to several transmission improvements in the area, including the Far West Texas Project (FWTP) which was endorsed by the ERCOT Board of Directors in June, 2017. The FWTP is expected to be implemented by 2020 and will be able to serve up to 717 MW of Culberson Loop load. Significant new load requests to connect to the Culberson Loop have been observed since the approval of FWTP in 2017 due to growth in the oil and gas activity. As of April, 2018, the Permian Basin oil and natural gas rig count addition by county, as shown in Figure 2.2, has increased by 28% compared to April, 2017. Also, more than 70% of newly added rigs since April, 2017 are located in the counties served by the Culberson Loop transmission system (Culberson, Reeves, Ward, Crane, Loving, and Winkler Counties).

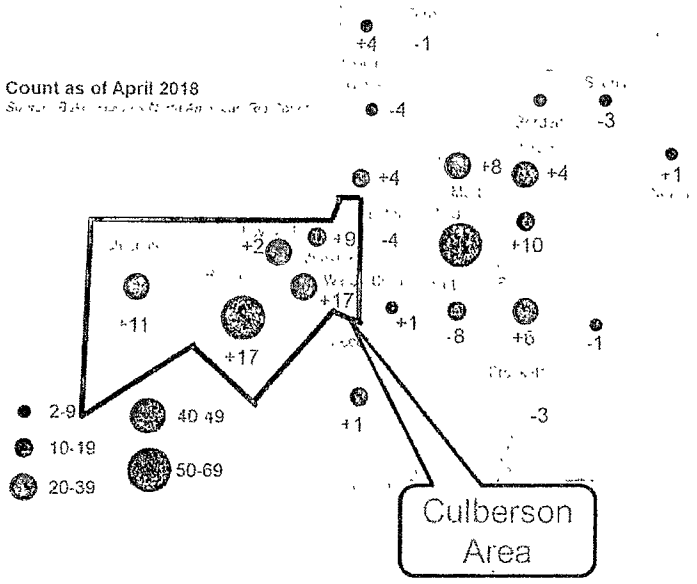

Figure 2.2 Permian Basin Oil and Natural Gas Rig Count Addition since April, 2017

In December, 2017, Oncor submitted to RPG the Far West Texas Dynamic Reactive Devices (DRD) Project, designed to meet the expected summer 2019 Culberson Loop load. The proposed DRD project was estimated to cost $86 million and was classified as a Tier 1 project. At the time of the DRD project RPG submittal, the Culberson Loop load, with the inclusion of all contractually confirmed load, was projected to be 650 MW by 2019 and 790 MW by 2022. The major components of DRD project proposal were:

- Construct a new Horseshoe Springs 138 kV Switch Station in the Riverton – Culberson 138 kV Double-circuit line
- Install two 250 MVAR, 138 kV Static Synchronous Compensators (STATCOMs) at Horseshoe Spring 138 kV Switch Station

In February, 2018, Oncor submitted the Far West Texas Project 2 (FWTP2) to address reliability requirements and ensure the transmission system in the area is able to meet the projected load. The proposed FWTP2 project was estimated to cost $194 million and was classified as a Tier 1 project. At the time the FWTP2 project was proposed, the Culberson Loop area load, again based on contractually confirmed load requests, was projected to serve 775 MW by 2019 and 1013 MW by 2022. Figure 2.3 shows the proposed FWTP2. The major components of the FWTP2 project proposal include:

- Construct a new approximately 40-mile 345 kV line on double-circuit structures with one circuit in place from Sand Lake 345 kV Switch Station to Solstice 345 kV Switch Station
- Add two new 600 MVA, 345/138 kV autotransformers at Sand Lake 345 kV Switch Station
- Install a new 345 kV circuit on the planned Riverton – Sand Lake double circuit structures
- Install the second 345 kV circuit on the Odessa EHV – Riverton 345 kV line double circuit structures between Moss and Riverton (creating a Moss – Riverton 345 kV circuit)

- Construct a new Quarry Field 138 kV Switch Station in the Wink – Riverton double-circuit 138 kV line
- Construct a new approximately 20-mile Kyle Ranch – Riverton 138 kV line on double-circuit structures with one circuit in place from Kyle Ranch 138 kV Substation to Riverton 138 kV Switch Station
- Construct a new approximately 20-mile Owl Hills – Tunstill – Riverton 138 kV line on double circuit structures with one circuit in place from Owl Hills 138 kV Switch Station to Riverton 138 kV Switch Station

As of April, 2018, Oncor has updated the contractually confirmed Culberson area load to be 880 MW by summer 2019 and 1013 MW by 2022. Additional load requests could potentially push the load to more than 1300 MW in the Culberson Loop.

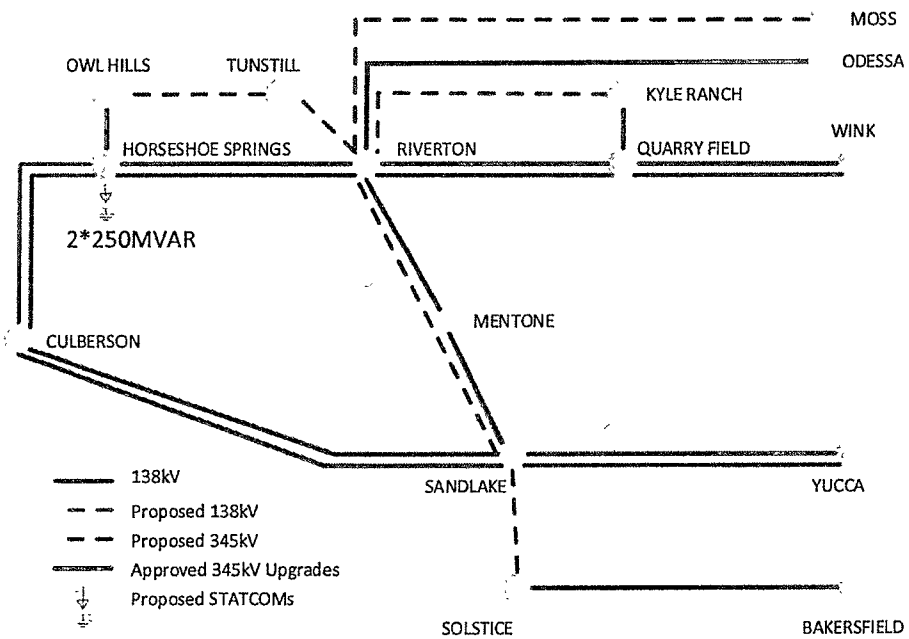

Figure 2.3: Proposed Far West Texas Project 2

Based on both the DRD and the FWTP2 proposals, ERCOT completed this independent review to determine the system needs in the Culberson Loop area and to address those needs in a cost-effective manner while providing the flexibility to meet near-term and potential long-term load growth in this area.

3. Study Assumption and Methodology

ERCOT performed studies under various system conditions to evaluate the system need and identify a cost-effective solution to meet those needs in the area. The assumptions and criteria used for this review are described in this section.

3.1. Study Assumption

The primary focus of this review is the Wink – Culberson – Yucca Drive loop transmission system, referred to as the "Culberson Loop." Figure 3.1 shows the system map of the study area.

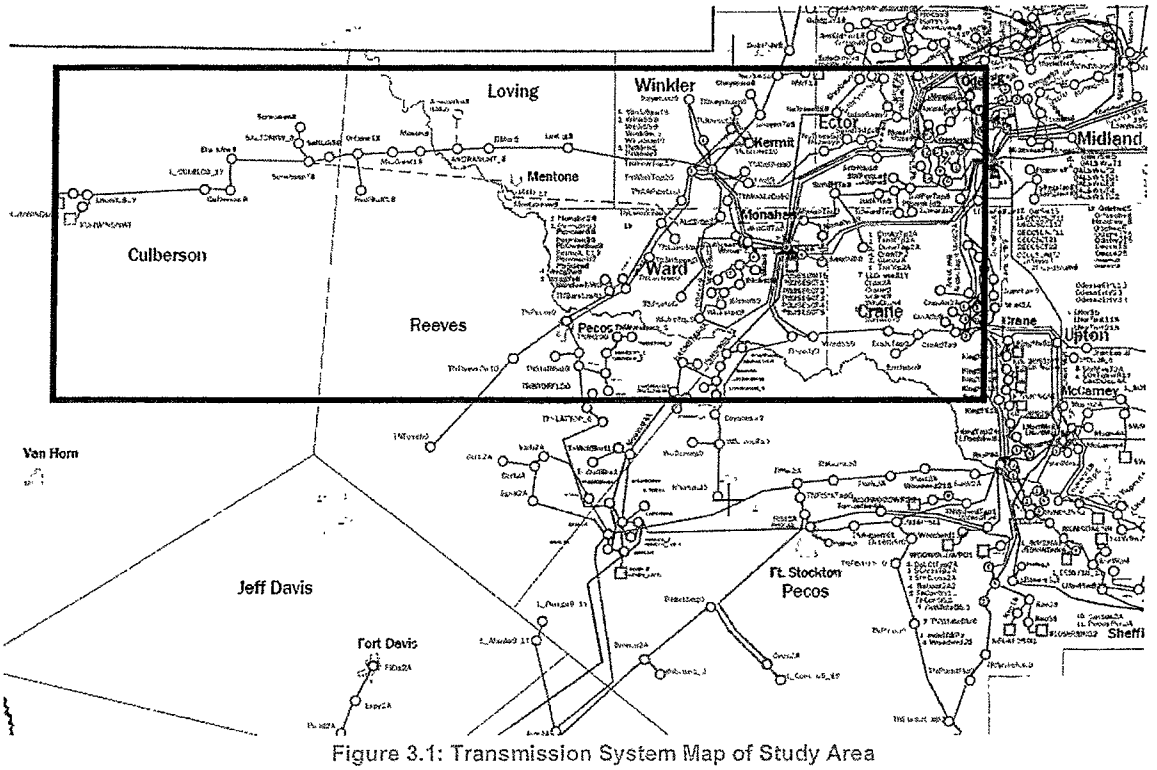

Figure 3.1: Transmission System Map of Study Area

Reliability Cases

The following starting cases were used in the study:

- The 2020 West/Far West (WFW) summer peak case from the 2017 RTP reliability case
- The 2020 Dynamics Working Group summer peak flat start case

Transmission Topology

The starting case was modified based on input from Oncor to include topological changes, switched shunt additions and load additions in the study area for both near-term 2019 summer peak and 2022 summer peak conditions.

Study Case Loads and Potential Loads

Oncor provided data regarding increased load projections in the Culberson Loop area. The most recent Oncor submittal data included 880 MW for 2019 summer peak and 1030 MW for 2022 summer peak in the Culberson Loop area. Oncor met with ERCOT and shared information on the signed customer agreements which confirmed these proposed load additions.

Sensitivity cases were also created to reflect higher potential load projections from Oncor. These cases contained additional customer load requests that did not yet have firm commitment at the time of this independent review. To reflect this "Potential" load growth, the load was increased by 334 MW in the Culberson Loop for 2022 summer peak. The total load in the Potential Load Case was approximately 1347 MW in the Culberson Loop for the Potential Load sensitivity.

Generation

Planned generators in the Far West and West Weather Zones that met Planning Guide Section 6.9 conditions for inclusion in the base cases (according to the 2016 October Generation Interconnection Status report), which were not included in the RTP cases, were added. The added generators are listed in Table 3.1.

Table 3.1 Added Generators That Met Planning Guide Section 6.9 Conditions (2018 April GIS report)

GINR Number	Project Name	MW	Fuel	County	Weather Zone
14INR0044	West of Pecos Solar	100	Solar	Reeves	Far West

Key assumptions applied in this study include the following:

- Wind generation in West and Far West weather zones were set to have a maximum dispatch capability of 2.6% of their rated capacity. This assumption was in accordance with the 2016 Regional Transmission Plan Study Scope and Process document[1].
- Solar generation was set at 70% of their rated capacity in accordance with the 2016 Regional Transmission Plan Study Scope and Process document.
- Considering the oil and gas industry load characteristics (flat load), the most stressed system condition is during the night when solar generation is not available. To study this condition, no solar generation was dispatched in the study base conditions.

Capital Cost Estimates

Capital cost estimates for transmission facilities were provided by Oncor, AEPSC and LCRA TSC. These costs were provided for individual transmission facilities and ERCOT used those values to calculate total project costs for various project options.

3.2. Criteria for Violations

The following criteria were used to identify planning criteria violations.

All 100 kV and above busses, transmission lines, and transformers in the study region were monitored (excluding generator step-up transformers).

- Thermal criteria violations
  - Rate A for Normal Conditions

[1] http://www ercot.com/content/wcm/key_documents_lists/77730/2016_RTP_Scope_Process_v1 3_clean.pdf

  - Rate B for Emergency Conditions
- Voltage violation criteria
  - 0.95 < V pu < 1.05 Normal
  - 0.90 < V pu < 1.05 Emergency
  - Post Contingency voltage deviations
    - 8% on non-radial load buses
- Dynamic Stability Analysis
  - NERC TPL-001-4 and ERCOT Planning Guide Section 4

3.3. Study Tools

ERCOT utilized the following software tools for the independent review of the Far West Texas Project:

- PSS/e version 33 was used to perform the dynamic stability analysis and in the initial steady-state case creation to incorporate the TSP idvs files
- PowerWorld Simulator version 20 for SCOPF and steady state contingency analysis
- VSAT version 17 was used for voltage stability analysis
- UPLAN version 10.2.0.19928

4. Project Need

The need for a transmission improvement project was evaluated for the Study Case. Table 4.1 summarized the steady state voltage stability (Power-Voltage) assessment results for the 2019 summer peak. The results showed pre-contingency voltage stability issues with no transmission upgrades. Even with the addition of the ERCOT Board of Directors approved Far West Texas Project (FWTP), as shown in Table 4.1 Scenario 2, the results indicated both voltage violations and voltage collapse under certain contingencies for the projected Culberson Loop 2019 summer peak load. The project need analysis results are consistent with the finding of the 2017 FWTP ERCOT independent review that identified the need for additional upgrades (beyond the FWTP project endorsed in June 2017) to serve loads greater that 717 MW in the Culberson Loop.

Table 4.1 Steady State Voltage Stability Assessment for the Base Case Condition

Scenario	Load (MW)	Transmission Upgrades	Culberson Load Serving Capability	
			NERC P1 P7	NERC P6
1.	880 (2019 Summer Peak)	None	Pre-contingency Voltage Collapse	
2	880 (2019 Summer Peak)	FWTP(1)	Voltage Violation Voltage Collapse	Voltage Violation Voltage Collapse

(1). The Far West Texas Project (FWTP) endorsed by ERCOT Board of Directors in June, 2017.

5. Project Options

5.1. Options Considerations

The FWTP, which was endorsed by the ERCOT Board of Directors in June 2017, was designed to allow for a number of different expansion options that could accommodate additional load growth. All project alternatives considered in this study align with the expansion options evaluated as part of the ERCOT FWTP independent review.

In addition, project options considered in this study were limited to alternatives that included adding a second 345 kV circuit to the Odessa EHV – Riverton (between Moss and Riverton) and Solstice – Bakersfield 345 kV lines. This limitation was result of the following considerations:

- The Culberson Loop area has experienced a significant rate of load growth. This evaluation focused on contractually committed load with a sensitivity evaluation which includes new customers that have contacted the TSPs with load requests but have not yet finalized a contract to construct. However, it is possible that more, presently unknown, load requests will materialize before the facilities recommended in this evaluation are in service.
- The Odessa EHV – Riverton and Solstice – Bakersfield 345 kV lines have yet to be constructed. If they were constructed with one circuit in place and a second 345 kV circuit was later deemed necessary, the construction outage to add the second circuit would greatly reduce the load serving capability to the Culberson Loop and reduce the operational flexibility during what would likely be a long duration outage.
- It is approximately 50% less expensive to construct the two circuits in place at the initial build than the cost of coming back to install the second circuit at a later time due to reduced access, environmental and mobilization costs, and construction efficiencies.

In addition, the new 138 kV lines proposed in the FWTP2 project are necessary to strengthen the Culberson Loop and provide operational flexibility under normal and outage conditions.

5.2. Short-Listed Options

Based on the considerations listed above and the results of preliminary analysis, the following "universal" transmission upgrades were included in all of the short-listed options:

- Construct a new approximately 40-mile 345 kV line on double-circuit structures with two circuits in place from Sand Lake 345 kV Switch Station to Solstice 345 kV Switch Station
- Add two new 600 MVA, 345/138 kV autotransformers at Sand Lake 345 kV Switch Station
- Install a new 345 kV circuit on the planned Riverton – Sand Lake double circuit structures
- Install the second 345 kV circuit on the Odessa EHV – Riverton 345 kV line double circuit structures between Moss and Riverton (creating a Moss – Riverton 345 kV circuit)
- Construct a new Quarry Field 138 kV Switch Station in the Wink – Riverton double-circuit 138 kV line
- Construct a new approximately 20-mile Kyle Ranch – Riverton 138 kV line on double-circuit structures with one circuit in place from Kyle Ranch 138 kV Substation to Riverton 138 kV Switch Station

- Construct a new approximately 20-mile Owl Hills – Tunstill – Riverton 138 kV line on double circuit structures with one circuit in place from Owl Hills 138 kV Switch Substation to Riverton 138 kV Switch Station
- Install the second 345 kV circuit on the planned Solstice Switch Station – Bakersfield Switch Station double circuit structures

The following three options were studied further for the reactive support in the Culberson Loop. The detailed description of the three short-listed options are provided below and diagrams for these are included in the Appendix.

Option 1

- Universal transmission upgrades
- Install two 250 MVAR Static Synchronous Compensators (STATCOMs) at Horseshoe Springs 138 kV Switch Station

The total cost estimate for Option 1 is approximately $300.0 Million.

Option 2

- Universal transmission upgrades
- Install one 250 MVAR Static Synchronous Compensators (STATCOMs) at Horseshoe Springs 138 kV Switch Station
- Install capacitor banks with a total capacity of 150 MVAR at Horseshoe Springs 138 kV Switch Station.
- Install capacitor banks with a total capacity of 150 MVAR at Quarry Field 138 kV Switch Station

The total cost estimate for Option 2 is approximately $292.5 Million.

Option 3

- Universal transmission upgrades
- Install one 250 MVAR Static Synchronous Compensators (STATCOMs) at Horseshoe Springs 138 kV Switch Station
- Install one 250 MVAR Static Synchronous Compensators (STATCOMs) at Quarry Field 138 kV Switch Station
- Install capacitor banks with a total capacity of 150 MVAR at Horseshoe Springs 138 kV Switch Station
- Install capacitor banks with a total capacity of 150 MVAR at Quarry Field 138 kV Switch Station

The total cost estimate for Option 3 is approximately $327.5 Million.

6. Voltage Stability and Dynamic Stability Analysis

A Power-Voltage (PV) analysis was used in the steady state voltage stability assessment for the Culberson Loop area for all short-listed options for the studied scenarios. A Power-Voltage (PV) analysis was used to proportionally increase the load in the Culberson Loop until a voltage collapse identified the maximum load serving capability for the options. Table 7.1 shows the results of this analysis, indicating the maximum loads in the Culberson Loop area that can be reliably served by the three identified project options. A sensitivity analysis was conducted to evaluate the impact of nearby generators to the Culberson Loop load serving capability. All five generators at the Permian Basin (PBSES) generation station were off-line in the study case. The PV results are in listed in Table 7.1.

Table 7.1 Voltage and Dynamic Stability Assessment of All Options for Culberson Loop Load Serving Capability

	Culberson Loop Load Served (MW)		
Description	Option 1	Option 2	Option 3
PV Voltage Collapse Results (NERC P1, P6, P7, ERCOT Events)	1608	1568	1688
PV Voltage Collapse Results (without PBSES Units) (NERC P1, P6, P7, ERCOT Events)	1508	1468	1648
Dynamic Stability Result (without PBSES Units) (NERC P1, P6, P7, ERCOT Events)(1)	Acceptable	Acceptable	Acceptable
Estimated Capital Cost ($M)	300	292.5	327.5

(1). Dynamic stability was conducted at the Culberson Loop load level identified in the PV voltage collapse results.

The majority of the loads in the study area were assumed to be oil and gas customers who employ voltage-sensitive electric equipment in their operations. As specified by Oncor, heavy motor load was assumed to represent the load characteristic in the study area. All three options were tested using time domain dynamic stability simulations including a dynamic load model provided by Oncor to evaluate system stability.

It was assumed that if simulations indicated an acceptable (stable) system response following severe events and/or three-phase faults, the stability response would also be acceptable for the same events with a single-line-to-ground (SLG) fault. If a potential stability issue was observed, the simulation was rerun with SLG faults to ensure a stable system response following a NERC planning event. In this way the analysis demonstrated compliance with NERC planning standards and ERCOT reliability criteria. In these simulations, selected ERCOT transmission buses were monitored for angle and voltage responses.

The dynamic event definitions included the removal of all elements that the protection system and other automatic controls are expected to disconnect for each event. The dynamic simulation results are also listed in Table 7.1.

None of the three options will be fully in-service prior to summer 2019, when the load is projected to reach 880 MW, since the new transmission lines will not be constructed. As a result, a PV analysis was conducted for the 2019 summer condition assuming only the reactive devices in all three options can be implemented to support the Culberson Loop in 2019. The PV analysis results are listed in Table 7.2. The results indicate that for Options 1 and 2 additional operational mitigation measures will be needed to maintain reliability prior to the new transmission lines being put in place. These operational mitigation measures may include (but are not limited to) undervoltage load shed.

Table 7.2 Steady State Voltage Stability Assessment of All Options for Culberson Loop Load Serving Capability with Reactive Devices Only

	Culberson Loop Load Served (MW)		
Description	Option 1	Option 2	Option 3
PV Voltage Collapse Results (reactive devices only[1] (NERC P1, P6, P7, ERCOT Events)	801	821	1001
PV Voltage Collapse Results (without PBSES units) (reactive devices only[1] (NERC P1, P6, P7, ERCOT Events)	721	741	880[2]

(1). Assuming reactive devices will be in service before new transmission lines.

(2). Oncor indicated that the reactive devices identified to be located at Quarry Field 138 kV Switch Station may not be in service by summer 2019. ERCOT performed a PV analysis considering only the reactive devices located at Horseshoe Springs from Option 3. The results showed that without the Quarry Field reactive devices in service, Option 3 would have a load serving capability of 721 MW.

7. Economic Analysis

Although this RPG project is driven by reliability needs, ERCOT also conducted an economic analysis to identify any potential impact on system congestion related to the addition of the transmission upgrades.

The base case for this economic analysis used the 2023 economic case built for the 2017 RTP as the starting case. The topology changes and generation additions were similar to the steady state base case built. ERCOT modeled each of the three short-listed options and performed production cost simulations for the year 2023. The annual production analysis showed no measurable congestion impact on the ERCOT System with the addition of the transmission upgrades.

8. Subsynchronous Resonance (SSR) Vulnerability Assessment

According to Protocol Section 3.22.1.3(2), ERCOT performed a SSR vulnerability assessment using topology check and the results indicated that all three short-listed options strengthen the transmission network and increase the required transmission circuit outages to have a Generation Resource become radial to series capacitors. The SSR assessment results showed no SSR vulnerability for any existing Generation Resources or Generation Resources satisfying Planning Guide Section 6.9 conditions for inclusion in the planning models at the time of this study.

9. Final Options Comparison

As shown in Table 9.1, a comparison of study results for the three options shows that Option 3, shown in Figure 9.1, met the system reliability criteria under the studied load conditions while providing better load serving capability to accommodate both the near-term and potential future load needs in the Culberson Loop area.

Table 9.1 Options Comparison

Description	Option 1	Option 2	Option 3
Capital cost ($ Million)	300.0	292.5	327.5
PV Results, Culberson Load Served	1608	1568	1688
PV Results, Culberson Load Served (with only reactive support devices recommended in the options)	801	821	1001
PV Results, Culberson Load Served (without PBSES Units)	1508	1468	1648
PV Results, Culberson Load Served (without PBSES Units) (with only reactive support devices recommended in the options)	721	741	880
Dynamic Stability Results, Culberson Load Served	Acceptable	Acceptable	Acceptable

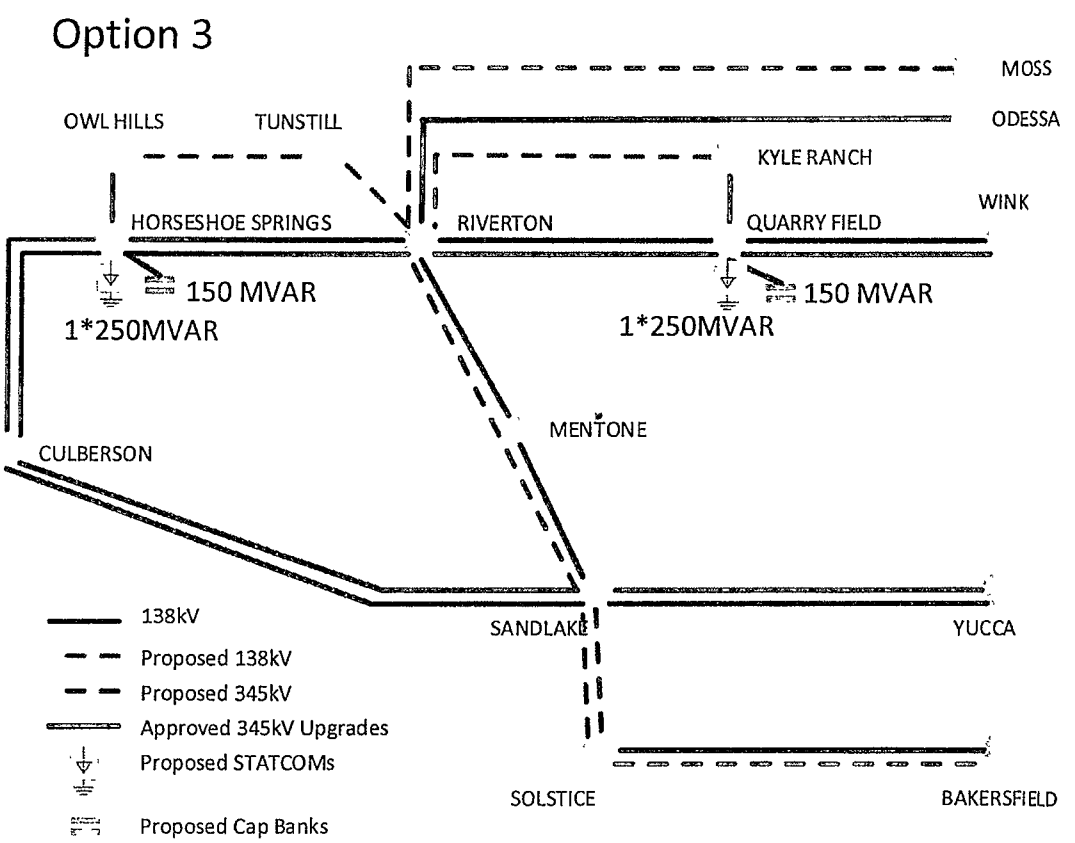

Figure 9.1: Option 3

10. Sensitivity Studies

Sensitivity studies were performed to ensure compliance with Planning Guide requirements.

10.1. Generation Sensitivity Analysis

According to Planning Guide Section 3.1.3(4)(a), the generation sensitivity analysis will evaluate the effect that proposed Generation Resources in or near the study area will have on a recommended transmission project. Based on the 2018 April Generator Interconnection Status report, Table 10.1.1 shows all the generators in the area that met Planning Guide 6.9 and Table 10.1.2 shows all the generators in the area with a signed standard generator interconnection agreement (SGIA) that did not meet Planning Guide 6.9 conditions for inclusion in the planning models. Considering the oil and gas industry load characteristics, the most stressed system condition is during the night when solar generation is not available. No solar generation in the Culberson Loop was assumed available in the study base conditions. Therefore, the proposed Generation Resources in the Culberson Loop area will have no impact on the recommended transmission project.

Table 10.1.1 Generators Met Planning Guide Section 6.9 Conditions (2017 March GIS report)

GINR Number	Project Name	MW	Fuel	County	Weather Zone
14INR0044	West of Pecos Solar	100	Solar	Reeves	Far West

Table 10.1.2 Generators with SGIA That Did Not Meet Planning Guide Section 6.9 Conditions (2017 March GIS report)

GINR Number	Project Name	MW	Fuel	County	Weather Zone
18INR0022	Winkler Solar	150	Solar	Winkler	Far West

10.2. Load Scaling Impact Analysis

Planning Guide Section 3.1.3(4) (b) requires evaluation of the impact of various load scaling on the criteria violations seen in the study cases.

Because the voltage violations were observed at load serving buses inside the Culberson Loop, ERCOT assumed that the load scaling in the outside weather zones did not have a material impact on the observed need.

11. Conclusion

Based on the forecasted loads and scenarios analyzed, ERCOT determined that there is a reliability need to improve the transmission system in Far West Texas. After consideration of the project alternatives, ERCOT concluded that the upgrades identified in Option 3 meet the reliability criteria in the most cost effective manner and provide needed load serving capability to the rapid oil and gas industry load growth in the Culberson Loop area. Option 3 is estimated to cost $327.5 million and is described as follows:

- Construct a new approximately 40-mile 345 kV line on double-circuit structures with two circuits in place from Sand Lake 345 kV Switch Station to Solstice 345 kV Switch Station
- Add two new 600 MVA, 345/138 kV autotransformers at Sand Lake 345 kV Switch Station
- Install a new 345 kV circuit on the planned Riverton – Sand Lake double circuit structures
- Install the second 345 kV circuit on the Odessa EHV – Riverton 345 kV line double circuit structures between Moss and Riverton (creating a Moss – Riverton 345 kV circuit)
- Construct a new Quarry Field 138 kV Switch Station in the Wink – Riverton double-circuit 138 kV line
- Construct a new approximately 20-mile Kyle Ranch – Riverton 138 kV line on double-circuit structures with one circuit in place from Kyle Ranch 138 kV Substation to Riverton 138 kV Switch Station
- Construct a new approximately 20-mile Owl Hills – Tunstill – Riverton 138 kV line on double circuit structures with one circuit in place from Owl Hills 138 kV Switch Substation to Riverton 138 kV Switch Station
- Install the second 345 kV circuit on the planned Solstice 345 kV Switch Station – Bakersfield 345 kV Switch Station double circuit structures
- Install one 250 MVAR STATCOM at Horseshoe Springs 138 kV Switch Station
- Install one 250 MVAR STATCOM at Quarry Field 138 kV Switch Station
- Install 150 MVAR static capacitors at Horseshoe Springs 138 kV Switch Station
- Install 150 MVAR static capacitors at Quarry Field 138 kV Switch Station

The reactive support components, including STATCOMs and capacitors, recommended in Option 3 should be implemented by 2019 if feasible to accommodate the projected 880 MW Culberson Loop in summer 2019. Additionally, the sizing of capacitor bank stages should take into account operational considerations. Remedial operational schemes may be required to mitigate post-contingency voltage violations in the Culberson Loop area until the recommended transmission upgrades can be built to reliably serve the increasing load.

12. Designated Provider of Transmission Facilities

In accordance with the ERCOT Nodal Protocols Section 3.11.4.8, ERCOT staff is to designate transmission providers for projects reviewed in the RPG. The default providers will be those that own the end points of the new projects. These providers can agree to provide or delegate the new facilities or inform ERCOT if they do not elect to provide them. If different providers own the two ends of the recommended projects, ERCOT will designate them as co-providers and they can decide between themselves what parts of the recommended projects they will each provide.

Oncor owns the Odessa EHV Switch Station, Moss Switch Station and is planning to construct and own the new Riverton Switching Station and therefore is the presumed owner of the Riverton Switching Station. Therefore, ERCOT designates Oncor as the designated provider for the 345 kV Odessa EHV to Riverton and Moss to Riverton transmission facilities along with the two recommended 345/138 kV autotransformers at Riverton.

LCRA TSC owns the Bakersfield Switchyard while AEPSC is constructing and planning to own the new Solstice Substation and therefore is the presumed owner of the Solstice Substation. Therefore, ERCOT designates AEPSC and LCRA TSC as the designated co-providers for the 345 kV Bakersfield to Solstice transmission facilities but AEPSC as the provider of the two recommended 345/138 kV autotransformers at Solstice.

Oncor is planning to construct and own the new Sand Lake Switching Station and therefore is the presumed owner of the Sand Lake Switching Station, while AEPSC is constructing and planning to own the new Solstice Substation and therefore is the presumed owner of the Solstice Substation. ERCOT designates Oncor and AEPSC as the designated co-providers for the 345 kV Sand Lake to Solstice transmission facilities and Oncor as the provider of the two recommended 345/138 kV autotransformers at Sand Lake Switch Station.

Oncor owns all the 138 kV Switch Stations listed in the recommended Option 3. Therefore, ERCOT designates Oncor as the designated provider for all the 138 kV transmission facilities along with the proposed STATCOMs and static capacitor banks.

The designated TSPs have requested critical designation status for the Riverton – Sand Lake 345 kV Line, the Sand Lake – Solstice 345 kV Line, and the Bakersfield – Solstice 345 kV line for multiple operational and reliability needs to address the rapid load growth in the Culberson Loop area. ERCOT designates the project critical to reliability per PUCT Substantive Rule 25.101(b)(3)(D).

13. Appendix

Options Diagrams	 Options_OneLine.pptx

McCamey Area Stability Study Report

Version 1.1

Document Revisions

Date	Version	Description	Author(s)
3/21/2018	1.0	Initial version	ERCOT Operations Analysis; ERCOT Operations Support
10/01/2018	1.1	Updated to reflect additional generation siting in the McCamey Area and inclusion of exit strategy per Nodal Protocol 3.10.7.6 (6).	ERCOT Transmission Operations Planning; ERCOT Operations Support

Disclaimer

The Electric Reliability Council of Texas (ERCOT) Operations Support staff prepared this document. It is a report of the ERCOT transmission system, identifying stability limits on power transfers in the McCamey area of West Texas due to specific scenarios affecting the transfer capability for the area. Real-time Operations is a continuous process. Conclusions reached in this report can change with the addition (or elimination) of plans for new generation, transmission facilities, equipment, or loads.

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Authors

This report was prepared by representatives in ERCOT Transmission Operations Planning and Operations Support.

Summary

In the Quarterly Stability Assessment (QSA) report for the fourth quarter of 2018, a stability limit was reported for new generation interconnecting in the McCamey region. The QSA reports and additional assessments conducted by ERCOT Transmission Operations Planning, indicate that the stability issues are observed in the region under specific outage and contingency conditions and are not directly associated with the interconnection of the new generation sites. Instead, the studies indicate that regional instability exists in the McCamey area during periods of high generation export during outage conditions listed in Table 1 below.

Based on this evaluation, a Generic Transmission Constraint (GTC) is needed in the McCamey area to manage area instability in real-time. This GTC is an interface constraint consisting of the following transmission lines and transformers, and is identified in the ERCOT Network Operations Model as MCCAMY:[1]

- Schneeman Draw – Big Hill 345 kV
- North McCamey – Odessa 345 kV
- North McCamey – Santa Rita 138kV
- Castilo – Crane LCRA 138 kV
- King Mountain – Crane LCRA 138 kV
- Spud – Crane LCRA 138 kV
- Rio Pecos – Crane LCRA 138 kV
- Mesa View Switch – Fort Lancaster 138 kV
- Woodward 2 – 16th Street TNP 138 kV
- West Yates – Alley Oop 69 kV
- Fort Stockton – Linterna 138 kV
- Fort Stockton – Airport Tnp 138kV
- Fort Stockton – Riggins Solar 138 KV
- Fort Stockton auto 138_69T1 138/69 kV
- Rio Pecos auto 138_69_1 138/69 kV
- Rio Pecos auto 138_69_2_L 138/69 kV
- White Baker Tnp auto WB_AT_1 138/69 kV

Generic Transmission Limits (GTLs) associated with this GTC are indicated in Table 1 below. Limits for the McCamey GTC constitute System Operating Limits (SOLs) for the Operations Horizon. Studies indicate that this is not a cascading event, and therefore is not to be considered an Interconnection Reliability Operating Limit (IROL).

Table 1: System Operating Limits for the McCamey GTC under various system conditions

Prior Outage	System Operating Limit (MW)

[1] Assessments indicate that monitoring of the Fort Stockton Plant – Tombstone 138 kV line is more appropriate than monitoring all the 138 kV lines at Fort Stockton Plant; however currently ERCOT does not have real-time telemetry on this line. Once that telemetry becomes available, the interface will be updated.

None	9999
Odessa - North McCamey 345 kV	1727
Schneeman Draw - Big Hill 345 kV	1727

Exit Strategy

Pursuant to Section 3.10.6.7 (7) of the ERCOT Nodal Protocols, an exit strategy for each GTC is needed. An exit strategy has been identified for the McCamey GTC. At the June 12, 2018 ERCOT Board of Directors (Board) Meeting, ERCOT requested endorsement of two Far West Regional Planning Group Projects, combined into one ERCOT Recommendation (Option 3). The Board endorsed this Recommendation at the June 12, 2018 Board Meeting, and this project has been identified as the exit strategy to the McCamey GTC. Implementation of part of this exit strategy may come as early as Summer 2019, while the remaining system upgrades are expected to be completed in 2021.

PUC Docket: 48787
Application Attachment 3

Estimated Total Costs for Transmission Line Routes and Substations
Bakersfield to Solstice 345-kV Transmission Line Project

10/29/2018

Route Length		Route Cost		Total Route Costs by PUC Category						
Route	Total Length (miles)	Estimated Total Cost	Cost Per Mile	Right-of-Way & Land Acquisition	Engineering & Design (Utility)	Engineering & Design (Contract)	Procurement of Material & Equipment	Construction of Facilities (Utility)	Construction of Facilities (Contract)	Other
1	70 7	**$156,478,000**	**$2,213,000**	$13,338,000	$7,911,000	$2,522,000	$48,240,000	$0	$84,467,000	$0
2	67.8	**$148,875,000**	**$2,196,000**	$12,853,000	$7,754,000	$2,464,000	$45,906,000	$0	$79,898,000	$0
3	69.4	**$150,383,000**	**$2,168,000**	$11,627,000	$7,837,000	$2,494,000	$47,038,000	$0	$81,387,000	$0
4	71.1	**$153,422,000**	**$2,157,000**	$13,272,000	$7,939,000	$2,532,000	$47,814,000	$0	$81,865,000	$0
5	71.7	**$158,955,000**	**$2,217,000**	$13,638,000	$7,967,000	$2,544,000	$48,776,000	$0	$86,030,000	$0
6	74.2	**$165,321,000**	**$2,228,000**	$14,671,000	$8,104,000	$2,594,000	$50,494,000	$0	$89,458,000	$0
7	75.7	**$167,383,000**	**$2,211,000**	$12,830,000	$8,176,000	$2,620,000	$51,930,000	$0	$91,827,000	$0
8	77.2	**$165,868,000**	**$2,149,000**	$14,375,000	$8,261,000	$2,651,000	$51,528,000	$0	$89,053,000	$0
9	78.9	**$170,776,000**	**$2,165,000**	$15,323,000	$8,354,000	$2,686,000	$52,884,000	$0	$91,529,000	$0
10	78.7	**$172,190,000**	**$2,188,000**	$9,301,000	$8,340,000	$2,681,000	$55,144,000	$0	$96,724,000	$0
11	75.6	**$162,551,000**	**$2,150,000**	$14,128,000	$8,175,000	$2,620,000	$50,552,000	$0	$87,076,000	$0
12	80.3	**$173,847,000**	**$2,166,000**	$10,219,000	$8,428,000	$2,714,000	$55,524,000	$0	$96,962,000	$0
13	81.0	**$176,065,000**	**$2,174,000**	$9,313,000	$8,471,000	$2,731,000	$56,445,000	$0	$99,105,000	$0
14	81.1	**$170,876,000**	**$2,107,000**	$11,848,000	$8,467,000	$2,728,000	$54,726,000	$0	$93,107,000	$0
15	82.5	**$177,285,000**	**$2,149,000**	$11,076,000	$8,558,000	$2,765,000	$56,680,000	$0	$98,206,000	$0
16	84.1	**$177,846,000**	**$2,115,000**	$10,679,000	$8,641,000	$2,795,000	$57,228,000	$0	$98,503,000	$0
17	81.4	**$175,300,000**	**$2,154,000**	$12,173,000	$8,498,000	$2,741,000	$55,304,000	$0	$96,584,000	$0
18	88.3	**$192,422,000**	**$2,179,000**	$12,755,000	$8,870,000	$2,881,000	$60,861,000	$0	$107,055,000	$0
19	89.3	**$189,165,000**	**$2,118,000**	$12,196,000	$8,930,000	$2,905,000	$60,632,000	$0	$104,502,000	$0
20	89.9	**$186,161,000**	**$2,072,000**	$12,632,000	$8,965,000	$2,918,000	$59,909,000	$0	$101,737,000	$0
21	91.8	**$183,728,000**	**$2,001,000**	$12,379,000	$9,059,000	$2,950,000	$59,813,000	$0	$99,527,000	$0
22	77.0	**$162,849,000**	**$2,115,000**	$7,941,000	$8,252,000	$2,649,000	$52,585,000	$0	$91,422,000	$0
23	73 4	**$160,463,000**	**$2,186,000**	$12,412,000	$8,050,000	$2,574,000	$49,908,000	$0	$87,519,000	$0
24	71.1	**$155,959,000**	**$2,194,000**	$14,048,000	$7,933,000	$2,530,000	$47,985,000	$0	$83,463,000	$0
25	82.4	**$169,275,000**	**$2,055,000**	$9,965,000	$8,548,000	$2,761,000	$54,745,000	$0	$93,256,000	$0

Bakersfield Station Costs (LCRA TSC) By PUC Category							
Estimated Total Cost	Right-of-Way & Land Acquisition	Engineering & Design (Utility)	Engineering & Design (Contract)	Procurement of Material & Equipment	Construction of Facilities (Utility)	Construction of Facilities (Contract)	Other
$6,533,000	$0	$40,000	$249,000	$2,185,000	$1,472,000	$2,587,000	$0

Solstice Switch Station Costs (AEP Texas) By PUC Category*							
Estimated Total Cost	Right-of-Way & Land Acquisition	Engineering & Design (Utility)	Engineering & Design (Contract)	Procurement of Material & Equipment	Construction of Facilities (Utility)	Construction of Facilities (Contract)	Other
$38,457,000	$776,000	$761,000	$1,050,000	$23,498,000	$1,000,000	$11,372,000	$0

* Solstice Switch Station estimate is for the componenets shown in the first ERCOT Far West Project Independent Review with the addition of the associated component cost for the termination of the second circuit from the LCRA TSC Bakeresfield to AEP Texas Solstice Switch that was approved in the second ERCOT Far West Texas Independent Review.

ATTACHMENT 3

THIS PAGE CONTAINS COLOR MAPS OR DRAWINGS AND CAN BE VIEWED IN CENTRAL RECORDS

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LCRA ENERGY • WATER • COMMUNITY SERVICES
LCRA TRANSMISSION SERVICES CORPORATION

AEP TEXAS
An AEP Company

November 7, 2018

«firstname» «lastname» «suffix»
«secondname»
«thirdname»
«address1» «address2»
«city», «state» «zip»

Re: Joint Application of LCRA Transmission Services Corporation and AEP Texas Inc. to Amend their Certificates of Convenience and Necessity for the Proposed Bakersfield to Solstice 345-kV Transmission Line Project in Pecos County, Texas

PUBLIC UTILITY COMMISSION OF TEXAS (PUC) DOCKET NO. 48787

Tract ID: «TractIDs»

Dear Landowner:

This letter is to inform you that LCRA Transmission Services Corporation and AEP Texas Inc. are requesting approval from the Public Utility Commission of Texas (PUC) to amend their Certificates of Convenience and Necessity (CCN) to construct the proposed Bakersfield to Solstice 345-kV Transmission Line Project in Pecos County, Texas. The proposed transmission line will connect LCRA TSC's existing Bakersfield Station located approximately 38 miles northeast of the City of Fort Stockton off of Farm to Market Road 1901 to AEP Texas' existing Solstice Switch Station located approximately 29 miles west of the City of Fort Stockton on the north side of Interstate Highway 10 near Hovey Road. LCRA TSC will construct, own, operate and maintain the eastern half of the transmission line connecting to LCRA TSC's Bakersfield Station and AEP Texas will construct, own, operate and maintain the western half of the transmission line connecting to AEP Texas' Solstice Switch Station. The entire project will range from approximately 68 to 92 miles in length and is estimated to cost approximately $194 million to $237 million (including station costs), depending upon the final route chosen by the PUC.

Your land may be directly affected in this docket. If one of LCRA TSC and AEP Texas' routes is approved by the PUC, LCRA TSC and AEP Texas will have the right to build the facilities, which may directly affect your land. This docket will not determine the value of your land or the value of an easement if one is needed by LCRA TSC or AEP Texas to build the facilities.

If you have questions about the transmission line, you can call 512-578-2692. The descriptions of the proposed routing alternatives and a map showing the proposed alternative routes are enclosed for your convenience.

The CCN application, including detailed routing maps illustrating the proposed transmission line project and project area, may be reviewed on the project website at www.lcra.org/baksol and at the Pecos County Clerk, 200 S. Nelson St., Fort Stockton, Texas 79735.

All routes and route segments included in this notice are available for selection and approval by the Public Utility Commission of Texas.

The enclosed brochure entitled "Landowners and Transmission Line Cases at the PUC" (also available online at www.puc.texas.gov) provides basic information about how you may participate in this docket, and how you may contact the PUC. Please read this brochure carefully. The brochure includes sample forms for making comments and for making a request to intervene as a party in this docket. ***The only way to fully participate in the PUC's decision on where to locate the transmission line is to intervene in the docket. It is important for an affected person to intervene because LCRA TSC and AEP Texas are not obligated to keep affected people informed of the PUC's proceedings and cannot predict which route may or may not be approved by the PUC.***

In addition to the contacts listed in the brochure, you may call the PUC's Customer Assistance Hotline at 888-782-8477. Hearing- and speech-impaired individuals with text telephones (TTY) may contact the PUC's Customer Assistance Hotline at 512-936-7136, or toll free at 800-735-2989. If you wish to participate in this proceeding by becoming an intervenor, the deadline for intervention in the proceeding is December 27, 2018, and the PUC should receive a letter from you requesting intervention by that date. Mail the request for intervention and 10 copies of the request to:

Public Utility Commission of Texas
Central Records
Attn: Filing Clerk
1701 N. Congress Ave.
P.O. Box 13326
Austin, Texas 78711-3326

People who wish to intervene in the docket must also mail a copy of their request for intervention to all parties in the docket and all people who have pending motions to intervene, at or before the time the request for intervention is mailed to the PUC. In addition to the intervention deadline, other important deadlines may already exist that affect your participation in this docket. You should review the orders and other filings already made in the docket. The enclosed brochure explains how you can access these filings.

Thank you for your interest in this project.

Sincerely,

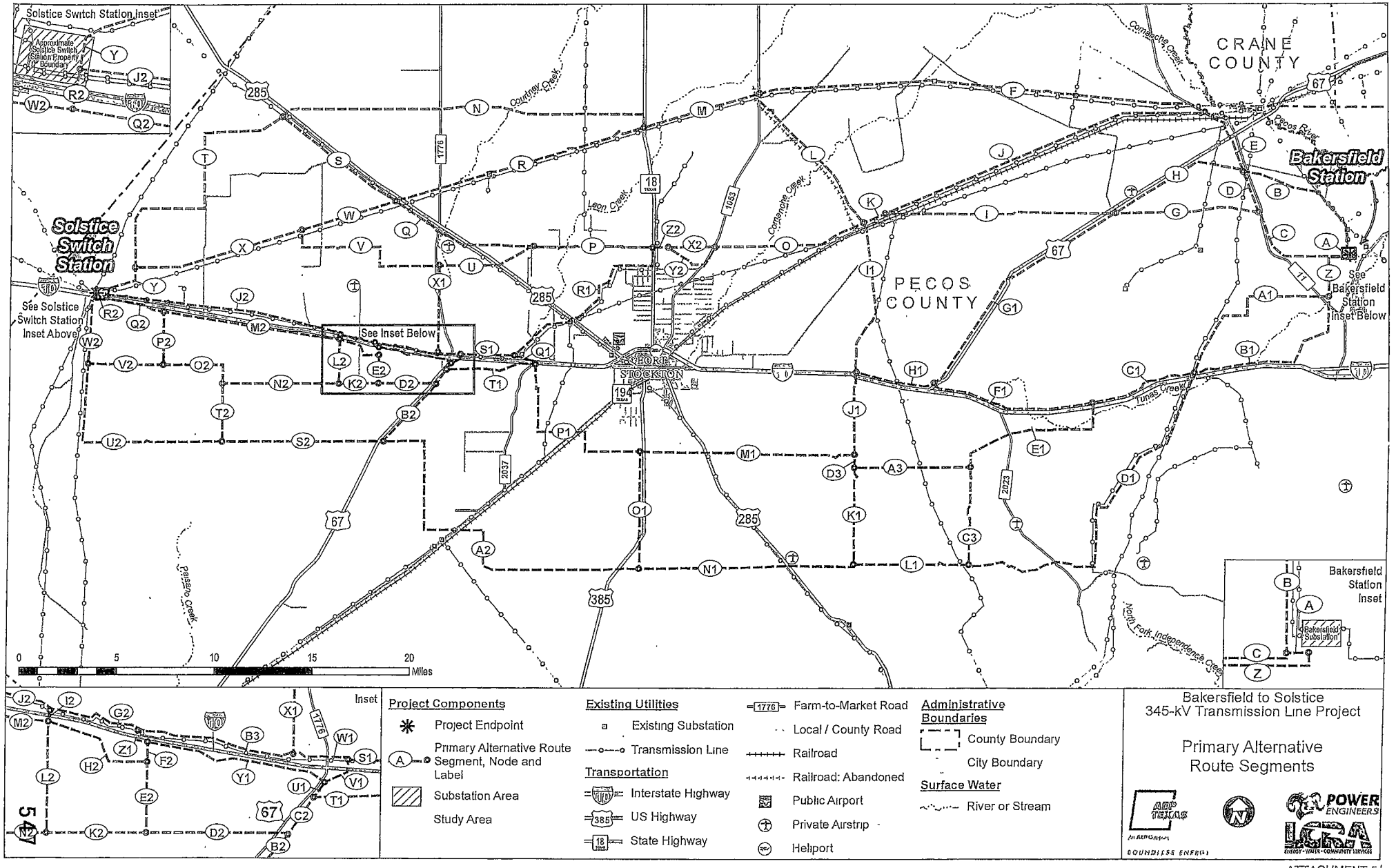
Sonya Strambler

Randy Roper

Sonya Strambler
Regulatory Case Manager
Lower Colorado River Authority
P.O. Box 220, MS DSC-D140
Austin, Texas 78767

Randy Roper
Regulatory Case Manager
AEP Texas, Inc.
400 W. 15th Street, Suite 1500
Austin, Texas 78701

Enclosures


Solstice Switch Station Inset
Approximate Solstice Switch Station Property / RE Boundary
Solstice Switch Station
See Solstice Switch Station Inset Above
See Inset Below
Bakersfield Station
See Bakersfield Station Inset Below
CRANE COUNTY
PECOS COUNTY
FORT STOCKTON
Comanche Creek
Courtney Creek
Leon Creek
Pecos River
Tunas Creek
Pasote Creek
North Fork Independence Creek
0 5 10 15 20 Miles
Bakersfield Station Inset
Bakersfield Substation
Inset
Project Components
Project Endpoint
Primary Alternative Route Segment, Node and Label
Substation Area
Study Area
Existing Utilities
Existing Substation
Transmission Line
Transportation
Interstate Highway
US Highway
State Highway
Farm-to-Market Road
Local / County Road
Railroad
Railroad: Abandoned
Public Airport
Private Airstrip
Heliport
Administrative Boundaries
County Boundary
City Boundary
Surface Water
River or Stream
Bakersfield to Solstice 345-kV Transmission Line Project
Primary Alternative Route Segments
AEP TEXAS
POWER ENGINEERS
LCRA

LCRA Transmission Service Corporation and American Electric Power, Texas Inc.
Bakersfield to Solstice 345-kV Transmission Line Project in Pecos County, Texas
PUCT Docket No. 48787
Description of the Primary Alternative Routes

LCRA Transmission Services Corporation (LCRA TSC) and American Electric Power, Texas Inc. (AEP Texas) have filed a joint application with the Public Utility Commission of Texas (PUC) to amend their Certificate of Convenience and Necessity (CCN) to construct the Bakersfield to Solstice 345-kV Transmission Line Project in Pecos County, Texas. In their CCN application for this project, LCRA TSC and AEP Texas have presented 25 alternative routes comprised of 82 segments for consideration by the PUC. The following table lists the segment combinations that make up LCRA TSC and AEP Texas' 25 alternative routes and the length of each alternative route in miles. All routes and segments are available for selection and approval by the PUC. Only one multi-segment transmission line route will ultimately be constructed. Alternative routes are not listed in any order of preference or priority.

PRIMARY ALTERNATIVE ROUTES	SEGMENT COMBINATION	TOTAL LENGTH IN MILES
1	A-B-E-F-M-R-W-X-Y	70.8
2	A-C-G-I-K-O-X2-Z2-P-Q-W-X-Y	67.8
3	A-C-G-I-K-O-X2-Z2-R1-S1-W1-B3-G2-J2	69.5
4	A-C-G-I-K-L-M-R-W-X-Y	71.2
5	A-B-E-J-K-O-X2-Z2-P-Q-W-X-Y	71.8
6	A-C-D-E-J-K-O-Y2-Z2-P-U-V-X-Y	74.3
7	A-B-E-J-K-O-Y2-Z2-P-U-X1-B3-G2-J2	75.8
8	A-B-E-F-M-N-T-Y	77.3
9	A-C-D-E-F-M-R-S-T-Y	71.2
10	Z-B1-C1-F1-H1-J1-M1-P1-Q1-S1-W1-B3-G2-J2	78.7
11	A-C-G-I-K-O-X2-Z2-P-Q-S-T-Y	75.6
12	A-B-H-G1-H1-J1-M1-P1-Q1-S1-W1-B3-G2-J2	80.4
13	Z-A1-C1-F1-H1-J1-M1-P1-T1-C2-D2-E2-F2-Z1-G2-J2	81.0
14	A-C-G-G1-H1-J1-M1-P1-T1-C2-D2-K2-L2-I2-J2	81.2
15	Z-B1-C1-F1-H1-J1-M1-P1-T1-C2-D2-K2-N2-O2-P2-Q2-R2	82.6
16	Z-A1-C1-F1-H1-J1-M1-P1-T1-C2-D2-K2-N2-O2-V2-W2-R2	83.9
17	Z-A1-C1-F1-H1-I1-O-X2-Z2-P-U-V-X-Y	81.3
18	Z-B1-D1-L1-N1-O1-P1-Q1-S1-V1-Y1-F2-H2-M2-Q2-R2	88.4
19	Z-A1-C1-F1-H1-J1-M1-P1-Q1-S1-V1-U1-C2-B2-S2-U2-W2-R2	89.1
20	Z-B1-C1-E1-C3-L1-N1-A2-S2-T2-O2-P2-Q2-R2	89.9
21	Z-A1-C1-E1-A3-K1-N1-A2-S2-U2-W2-R2	91.6
22	Z-A1-C1-E1-A3-D3-M1-P1-Q1-S1-W1-B3-G2-J2	77.0
23	A-B-E-J-K-O-X2-Z2-R1-S1-W1-B3-G2-J2	73.5
24	A-C-D-E-F-M-R-W-X-Y	71.2
25	Z-A1-C1-E1-A3-D3-M1-P1-T1-C2-D2-K2-N2-O2-V2-W2-R2	82.2

Note: All distances are approximate and rounded to the nearest hundredths of a mile. The distances of individual segments below may not sum to the total length of route presented above due to rounding.

Segment A (see Inset)

Segment A begins at the existing Bakersfield Station, approximately 0.80 miles west of Farm-to-Market (FM) 1901 in Pecos County. The segment exits the southwest side of the existing Bakersfield Station and proceeds west for approximately 0.11 mile. The segment terminates at its intersection with Segments B and C.

Segment B

Segment B begins at its intersection with Segments A and C (see Inset). The segment proceeds north for approximately 1.60 miles, paralleling the west side of an existing transmission line. The segment then angles northwest for approximately 2.25 miles, paralleling the southwest side of an existing transmission line. The segment then angles west-northwest for approximately 1.19 miles, and then angles northwest for approximately 1.77 miles. The segment then angles west-northwest for approximately 0.93 mile, crossing an existing transmission line and FM 11. The segment terminates at its intersection with Segments D, E, and H, on the southwest side of FM 11.

Segment C

Segment C beings at its intersection with Segments A and B (see Inset). The segment proceeds south for approximately 0.02 mile, and then turns west for approximately 3.14 miles. The segment then angles northwest for approximately 2.66 miles, paralleling the northeast side of FM 11. The segment then turns west-southwest for approximately 0.06 mile, crossing FM 11. The segment terminates at its intersection with Segments D and G, on the southwest side of FM 11.

Segment D

Segment D begins at its intersection with Segments C and G, on the southwest side of FM 11. The segment proceeds northwest for approximately 2.24 miles, paralleling the southwest side of FM 11 and crossing an existing transmission line. The segment terminates at its intersection with Segments B, E, and H, on the southwest side of FM 11.

Segment E

Segment E begins at its intersection with Segments B, D, and H, on the southwest side of FM 11. The segment proceeds northwest for approximately 1.62 miles, paralleling the southwest side of FM 11. The segment then angles west-northwest for approximately 1.14 miles, crossing United States Highway (U.S. HWY) 67 and two existing transmission lines. The segment then angles west-northwest for approximately 0.57 mile, and then angles north for approximately 0.18 mile, crossing an existing railroad and FM 11. The segment then turns west for approximately 0.42 mile, paralleling the northeast side of FM 11 and crossing an existing transmission line. The segment terminates at its intersection with Segments F and J, on the northeast side of FM 11.

Segment F

Segment F begins at its intersection with Segments E and J, on the northeast side of FM 11. The segment proceeds northwest for approximately 0.98 mile, paralleling the northeast side of FM 11 and crossing an existing transmission line. The segment then angles west for approximately 6.98 miles, paralleling the north side of an existing transmission line, immediately crossing FM 11 and crossing an existing transmission line. The segment then angles northwest for approximately 0.15 mile, then angles west for approximately 0.18 mile, and then angles west-southwest for approximately 0.15 mile. The segment then angles west-northwest for approximately 5.40 miles, paralleling the north side of an existing transmission line. The segment then angles west-southwest for approximately 8.45 miles, paralleling the north side of an existing transmission line and crossing Comanche Creek. The segment then angles southwest for approximately 0.70 mile, paralleling the north side of an existing transmission line. The segment terminates at its intersection with Segments L and M, on the east side of FM 1053 and on the north side of an existing transmission line.

Segment G
Segment G begins at its intersection with Segments C and D, on the southwest side of FM 11. The segment proceeds west for approximately 1.08 miles, crossing an existing transmission line. The segment then angles west-northwest for approximately 0.31 mile. The segment then angles west for approximately 0.69 mile, and then angles west-southwest for approximately 1.34 miles, crossing an existing transmission line. The segment then angles west for approximately 3.91 miles. The segment terminates at its intersection with Segments H, I, and G1, on the southeast side of U.S. HWY 67.

Segment H
Segment H begins at its intersection with Segments B, D, and E, on the southwest side of FM 11. The segment proceeds west-northwest for approximately 2.41 miles, crossing an existing transmission line. The segment then angles southwest for approximately 4.93 miles, paralleling the southeast side of U.S. HWY 67. The segment terminates at its intersection with Segments G, I, and G1, on the southeast side of U.S. HWY 67.

Segment I
Segment I begins at its intersection with Segments G, H, and G1, on the southeast side of U.S. HWY 67. The segment proceeds west for approximately 5.15 miles, crossing U.S. HWY 67. The segment then angles southwest for approximately 0.13 mile, and then angles west for approximately 6.53 miles, crossing an existing transmission line, an existing railroad, and an existing transmission line. The segment terminates at its intersection with Segments J and K, on the northwest side of an existing transmission line.

Segment J
Segment J begins at its intersection with Segments E and F, on the northeast side of FM 11. The segment proceeds southwest for approximately 0.06 mile, crossing FM 11. The segment then angles west for approximately 4.14 miles, paralleling the north side of an existing transmission line. The segment then angles southwest for approximately 13.13 miles, paralleling the northwest side of an existing transmission line. The segment terminates at its intersection with Segments I and K, on the northwest side of an existing transmission line.

Segment K
Segment K begins at its intersection with Segments I and J, on the northwest side of an existing transmission line. The segment proceeds southwest for approximately 1.22 miles, paralleling the northwest side of an existing transmission line. The segment terminates at its intersection with Segments L, O, and I1, on the northwest side of an existing transmission line.

Segment L
Segment L begins at its intersection with Segments K, O, and I1, on the northwest side of an existing transmission line. The segment proceeds northwest for approximately 1.06 miles. The segment then angles north-northwest for approximately 1.83 miles, paralleling the northeast side of an abandoned railroad. The segment then angles northwest for approximately 4.38 miles, paralleling the northeast side of an abandoned railroad and crossing Comanche Creek. The segment then angles north for approximately 0.22 mile, and then turns west for approximately 0.23 mile. The segment than angles northwest for approximately 0.63 mile, paralleling the northeast side of an abandoned railroad. The segment then angles north for approximately 0.45 mile, paralleling the east side of FM 1053 and crossing

an existing transmission line. The segment terminates at its intersection with Segments F and M, on the east side of FM 1053 and on the north side of an existing transmission line.

Segment M

Segment M begins at its intersection with Segments F and L, on the east side of FM 1053 and on the north side of an existing transmission line. The segment angles southwest for approximately 6.10 miles, paralleling the northwest side of an existing transmission line, immediately crossing FM 1053, and crossing an abandoned railroad, Leon Creek, and State Highway (SH) 18. The segment terminates at its intersection with Segments N and R, on the west side of SH 18 and on the northwest side of an existing transmission line.

Segment N

Segment N begins at its intersection with Segments M and R, on the west side of SH 18 and on the northwest side of an existing transmission line. The segment proceeds north for approximately 0.67 mile, paralleling the west side of SH 18. The segment then turns west for approximately 5.93 miles, crossing an existing transmission line. The segment then angles northwest for approximately 1.40 miles, crossing Courtney Creek. The segment then angles west for approximately 2.05 miles. The segment then angles west-southwest for approximately 0.98 mile, and then angles west for approximately 7.15 miles, crossing FM 1776. The segment then angles northwest for approximately 0.21 mile. The segment then angles southwest for approximately 0.17 mile, and then angles west for approximately 0.39 mile. The segment then angles southwest for approximately 0.51 mile, crossing U.S. HWY 285 and an existing transmission line. The segment terminates at its intersection with Segments S and T, on the southwest side of an existing transmission line on the southwest side of U.S. HWY 285.

Segment O

Segment O begins at its intersection with Segments K, L and I1, on the northwest side of an existing transmission line. The segment proceeds southwest for approximately 2.41 miles, paralleling the northwest side of an existing transmission line, and crossing an abandoned railroad. The segment then angles west for approximately 5.43 miles, crossing Comanche Creek. The segment terminates at its intersection with Segments X2 and Y2, on the east side of FM 1053.

Segment P

Segment P begins at its intersection with Segments R1 and Z2, on the west side of SH 18 and an existing transmission line. The segment proceeds west for approximately 1.53 miles. The segment then turns north for approximately 0.06 mile, and then turns west for approximately 1.90 miles. The segment then angles west-southwest for approximately 0.16 mile, and then angles west for approximately 0.40 mile. The segment then angles southwest for approximately 0.06 mile, and then angles west for approximately 0.67 mile, crossing Leon Creek. The segment then angles southwest for approximately 0.14 mile, and then angles northwest for approximately 0.16 mile. The segment then angles west for approximately 0.96 mile, and then angles west-northwest for approximately 0.18 mile. The segment terminates at its intersection with Segments Q and U.

Segment Q

Segment Q begins at its intersection with Segments P and U. The segment proceeds west for approximately 3.60 miles, crossing U.S. HWY 285, and an existing transmission line. The segment then angles northwest for approximately 0.90 mile, paralleling the southwest side of an existing transmission line. The segment then angles west-southwest for approximately 0.12 mile, and then angles northwest for

approximately 0.64 mile crossing Courtney Creek and FM 1776. The segment then angles north-northwest for approximately 0.19 mile, and then angles northwest for approximately 2.28 miles, paralleling the southwest side of an existing transmission line and crossing an existing transmission line. The segment terminates at its intersection with Segments R, S, and W, on the southwest side of an existing transmission line and U.S. HWY 285 and north side of an existing transmission line.

Segment R

Segment R begins at its intersection with Segments M and N, on the west side of SH 18 and on the northwest side of an existing transmission line. The segment proceeds west-southwest for approximately 1.10 miles, paralleling the northwest side of an existing transmission line. The segment then angles northwest for approximately 0.23 mile, and then turns southwest for approximately 0.44 mile. The segment then angles west-southwest for approximately 2.00 miles, paralleling the northwest side of an existing transmission line, and crossing an existing transmission line. The segment then angles west for approximately 0.39 mile, and then angles southwest for approximately 0.23 mile. The segment then angles west-southwest for approximately 3.60 miles, paralleling the northwest side of an existing transmission line. The segment then angles west for approximately 0.43 mile, and then angles southwest for approximately 0.25 mile. The segment then angles west-southwest for approximately 4.75 miles, paralleling the northwest side of an existing transmission line and crossing Courtney Creek, FM 1776, U.S. HWY 285, and an existing transmission line. The segment terminates at its intersection with Segments R, S, and W, on the southwest side of an existing transmission line and U.S. HWY 285 and north side of an existing transmission line.

Segment S

Segment S begins at its intersection with Segments Q, R, and W, on the southwest side of an existing transmission line and U.S. HWY 285 and north side of an existing transmission line. The segment proceeds northwest for approximately 7.30 miles, paralleling the southwest side of an existing transmission line. The segment terminates at its intersection with Segments N and T, on the southwest side of an existing transmission line on the south side of U.S. HWY 285.

Segment T

Segment T begins at its intersection with Segments N and S, on the southwest side of an existing transmission line on the south side of U.S. HWY 285. The segment proceeds southwest for approximately 1.26 miles. The segment then angles west for approximately 2.94 miles. The segment then turns south for approximately 3.90 miles, and then turns west for approximately 3.24 miles. The segment then angles south-southwest for approximately 0.69 mile, paralleling the southeast side of an existing transmission line. The segment then angles south for approximately 2.40 miles. The segment terminates at its intersection with Segments X and Y.

Segment U

Segment U begins at its intersection with Segments P and Q. The segment proceeds southwest for approximately 2.02 miles, crossing U.S. HWY 285. The segment then angles west for approximately 3.01 miles, crossing an existing transmission line, and Courtney Creek. The segment terminates at its intersection with Segments V and X1, on the east side of FM 1776.

Segment V

Segment V begins at its intersection with Segments U and X1, on the east side of FM 1776. The segment proceeds west for approximately 3.05 miles, immediately crossing FM 1776. The segment then turns

north for approximately 0.98 mile, and then turns west for approximately 2.08 miles. The segment then angles southwest for approximately 0.12 mile, then angles west for approximately 0.13 mile, and then angles northwest for approximately 0.13 mile. The segment then angles west for approximately 1.66 miles, and then turns north for approximately 0.89 mile, crossing an existing transmission line. The segment terminates at its intersection with Segments W and X, on the northwest side of an existing transmission line.

Segment W
Segment W begins at its intersection with Segments Q, R, and S, on the southwest side of an existing transmission line and U.S. HWY 285 and north side of an existing transmission line. The segment proceeds west-southwest for approximately 5.07 miles, paralleling the northwest side of an existing transmission line. The segment terminates at its intersection with Segments V and X, on the northwest side of an existing transmission line.

Segment X
Segment X begins at its intersection with Segments V and W, on the northwest side of an existing transmission line. The segment proceeds southwest for approximately 6.57 miles, paralleling the northwest side of an existing transmission line. The segment then angles west for approximately 2.33 miles. The segment terminates at its intersection with Segments T and Y.

Segment Y
Segment Y begins at its intersection with Segments T and X. The segment proceeds south for approximately 0.70 mile. The segment then angles southwest for approximately 1.80 miles, paralleling the northwest side of an existing transmission line and crossing an existing transmission line. The segment then turns south for approximately 0.14 mile. The segment terminates at a point inside the Solstice Switch Station property, on the north side of Interstate Highway (IH) 10 in Pecos County (see Inset).

Segment Z
Segment Z begins at the existing Bakersfield Station, approximately 0.80 miles west of FM 1901 in Pecos County (see inset). The segment exits the southwest corner of the existing Bakersfield Station and proceeds south for approximately 0.07 mile. The segment then turns west for approximately 1.05 miles, and then turns south for approximately 2.02 miles. The segment terminates at its intersection with Segments A1 and B1.

Segment A1
Segment A1 begins at its intersection with Segments Z and B1. The segment proceeds west for approximately 4.10 miles, crossing FM 11. The segment then turns south for approximately 0.96 mile. The segment then turns west for approximately 1.22 miles. The segment then angles southwest for approximately 3.27 miles, paralleling the southeast side of an existing transmission line. The segment terminates at its intersection with Segments B1, C1, and D1, on the southeast side of an existing transmission line on the north side of IH 10.

Segment B1
Segment B1 begins at its intersection with Segments Z and A1. The segment proceeds south for approximately 1.65 miles, immediately crossing Tunas Creek, and crossing FM 11. The segment then angles southwest for approximately 1.21 miles. The segment then angles south-southwest for

approximately 1.20 miles, and then angles west for approximately 4.32 miles, paralleling the north side of IH 10, and crossing Tunas Creek. The segment then angles northwest for approximately 0.28 mile, then angles southwest for approximately 0.20 mile, and then angles west for approximately 0.66 mile, paralleling the north side of IH 10. The segment terminates at its intersection with Segments A1, C1, and D1, on the southeast side of an existing transmission line on the north side of IH 10.

Segment C1

Segment C1 begins at its intersection with Segments A1, B1, and D1, on the southeast side of an existing transmission line on the north side of IH 10. The segment proceeds southwest for approximately 0.79 mile, paralleling the north side of IH 10 and immediately crossing an existing transmission line. The segment angles west for approximately 0.61 mile, then angles southwest for approximately 0.66 miles, paralleling the north side of IH 10. The segment then angles west for approximately 0.49 mile, then angles southwest for approximately 0.48 mile, and then angles west-southwest for approximately 1.79 miles, paralleling the north side of IH 10. The segment terminates at its intersection with Segments E1 and F1, on the north side of IH 10.

Segment D1

Segment D1 begins at its intersection with Segments A1, B1, and C1, on the southeast side of an existing transmission line on the north side of IH 10. The segment proceeds south-southwest for approximately 3.80 miles, paralleling the southwest side of two existing transmission lines, immediately crossing IH 10, and crossing an existing transmission line and Tunas Creek. The segment then angles southwest for approximately 1.50 miles, paralleling the southeast side of an existing transmission line and crossing an existing transmission line. The segment then angles south-southwest for approximately 3.06 miles, paralleling the southeast side of an existing transmission line. The segment then angles west for approximately 0.51 mile, paralleling the south side of an existing transmission line. The segment then turns south for approximately 3.08 miles, paralleling the east side of an existing transmission line, and immediately crossing an existing transmission line. The segment then turns west for approximately 1.01 miles. The segment then angles northwest for approximately 0.27 mile, then angles west for approximately 0.78 mile, and then angles west-southwest for approximately 1.06 miles, crossing FM 2023. The segment then angles west-southwest for approximately 0.74 mile, and then angles northwest for approximately 0.62 mile. The segment then angles west for approximately 0.17 mile. The segment then angles northwest for approximately 0.41 mile, and then angles west-southwest for approximately 1.82 miles, and then angles north for approximately 0.07 mile. The segment terminates at its intersection with Segments C3 and L1.

Segment E1

Segment E1 begins at its intersection with Segments C1 and F1, on the north side of IH 10. The segment proceeds south for approximately 1.34 miles, immediately crossing IH 10 and crossing Tunas Creek. The segment then turns west for approximately 2.00 miles, then angles southwest for approximately 0.09 mile, and then angles west for approximately 1.10 miles. The segment then angles southwest for approximately 3.28 miles, crossing FM 2023. The segment then angles south for approximately 0.72 mile. The segment terminates at its intersection with Segments A3 and C3.

Segment F1

Segment F1 begins at its intersection with Segments C1 and E1, on the north side of IH 10. The segment proceeds westerly for approximately 4.49 miles, paralleling the north side of IH 10, and crossing Tunas Creek. The segment then angles northwest for approximately 0.30 mile, and then angles west for

approximately 0.29 mile. The segment then angles northwesterly for approximately 3.37 miles, paralleling the north side of IH 10 and crossing U.S. HWY 67. The segment terminates at its intersection with Segments G1 and H1, on the northwest side of U.S. HWY 67.

Segment G1
Segment G1 begins at its intersection with Segments G, H and I, on the southeast side of U.S. HWY 67. The segment proceeds southwest for approximately 6.15 miles, paralleling the southeast side of U.S. HWY 67. The segment then turns northwest for approximately 0.07 mile, crossing U.S. HWY 67. The segment then turns southwest for approximately 6.80 miles, paralleling the northwest side of U.S. HWY 67. The segment terminates at its intersection with Segments F1 and H1, on the northwest side of U.S. HWY 67.

Segment H1
Segment H1 begins at its intersection with Segments F1 and G1, on the northwest side of U.S. HWY 67. The segment proceeds southwest for approximately 0.43 mile, paralleling the northwest side of U.S. HWY 67. The segment then angles west-northwest for approximately 3.63 miles, paralleling the north side of IH 10 and crossing an existing transmission line. The segment terminates at its intersection with Segments I1 and J1, on the north side of IH 10.

Segment I1
Segment I1 begins at its intersection with Segments H1 and J1, on the north side of IH 10. The segment proceeds north for approximately 1.44 miles. The segment then angles northeast for approximately 1.92 miles. The segment then angles north-northwest for approximately 4.22 miles. The segment then angles northwest for approximately 0.39 mile, crossing an existing transmission line, an existing railroad, and an existing transmission line. The segment terminates at its intersection with Segments K, L, and O, on the northwest side of an existing transmission line.

Segment J1
Segment J1 begins at its intersection with Segments H1 and I1, on the north side of IH 10. The segment proceeds south for approximately 0.62 mile, crossing IH 10. The segment then angles southwest for approximately 0.24 mile, and then angles south for approximately 3.42 miles. The segment terminates at its intersection with Segments M1 and D3.

Segment K1
Segment K1 begins at its intersection with Segments A3 and D3. The segment proceeds south for approximately 0.28 mile, and then angles southeast for approximately 0.21 mile. The segment then turns southwest for approximately 0.26 mile. The segment then angles south for approximately 4.34 miles. The segment terminates at its intersection with Segments L1 and N1.

Segment L1
Segment L1 begins at its intersection with Segments D1 and C3. The segment proceeds west for approximately 1.28 miles, crossing an existing transmission line. The segment then angles northwest for approximately 0.23 mile, and then turns southwest for approximately 0.14 mile. The segment then angles west for approximately 4.29 miles. The segment terminates at its intersection with Segments K1 and N1.

Segment M1
Segment M1 begins at its intersection with Segments J1 and D3. The segment proceeds west for approximately 0.80 mile. The segment then angles southwest for approximately 0.20 mile. The segment then turns northwest for approximately 0.40 mile, and then angles west for approximately 9.54 miles, crossing an existing transmission line, U.S. HWY 285, and U.S. HWY 385. The segment terminates at its intersection with Segments O1 and P1, on the west side of U.S. HWY 385.

Segment N1
Segment N1 begins at its intersection with Segments L1 and K1. The segment proceeds south for approximately 0.13 mile, then west for approximately 3.30 miles, then southwest for approximately 0.04 mile, crossing U.S. HWY 285 and an existing transmission line. The segment then proceeds northwest for approximately 0.13 mile, then west for approximately 7.43 miles. The segment terminates at its intersection with Segments O1 and A2.

Segment O1
Segment O1 begins at its intersection with Segments N1 and A2. The segment proceeds north for approximately 1.57 miles. The segment then proceeds west-northwest for approximately 0.05 mile, crossing U.S. HWY 385. The segment then continues north for approximately 4.42 miles, paralleling the west side of U.S. HWY 385. The segment terminates at its intersection with Segments M1 and P1, on the west side of U.S. HWY 385.

Segment P1
Segment P1 begins at its intersection with Segments M1 and O1, on the west side of U.S. HWY 385. The segment proceeds west for approximately 2.83 miles, and then turns north for approximately 1.01 miles. The segment then turns west for approximately 2.51 miles, crossing an existing railroad and an existing transmission line. The segment then then turns north for approximately 2.23 miles. The segment then turns west for approximately 0.10 mile, and then turns north for approximately 1.26 miles. The segment terminates at its intersection with Segments Q1 and T1, on the south side of IH 10 and on the east side of FM 2037.

Segment Q1
Segment Q1 begins at its intersection with Segments P1 and T1, on the south side of IH 10 and on the east side of FM 2037. The segment proceeds north for approximately 0.12 mile, crossing IH 10. The segment then angles west-northwest for approximately 1.12 miles, crossing Leon Creek and an existing transmission line. The segment terminates at its intersection with Segments R1 and S1, on the northwest side of an existing transmission line on the north side of IH 10.

Segment R1
Segment R1 begins at its intersection with Segments Z2 and P, on the west side of SH 18. The segment proceeds south for approximately 0.94 mile, paralleling the west side of an existing transmission line. The segment then turns west for approximately 1.95 miles, paralleling the north side of an existing transmission line. The segment then angles south-southwest for approximately 0.90 mile, paralleling the northwest side of an existing transmission line. The segment then angles west-southwest for approximately 0.54 mile, paralleling the northwest side of an existing transmission line, and then angles south for approximately 0.68 mile, paralleling the west side of an existing transmission line. The segment then angles southwest for approximately 1.38 miles, paralleling the northwest side of an existing transmission line. The segment then angles west-southwest for approximately 0.37 mile, paralleling the

northwest side of an existing transmission line, and then angles southwest for approximately 0.26 mile, crossing U.S. HWY 285 and an existing transmission line. The segment then angles west for approximately 1.09 miles, paralleling the north side of an existing transmission line. The segment then angles southwest for approximately 2.33 miles, paralleling the northwest side of an existing transmission line and crossing Leon Creek. The segment terminates at its intersection with Segments Q1 and S1, on the northwest side of an existing transmission line on the north side of IH 10.

Segment S1
Segment S1 begins at its intersection with Segments Q1 and R1, on the northwest side of an existing transmission line on the north side of IH 10. The segment proceeds west for approximately 2.73 miles, paralleling the north side of an existing transmission line. The segment terminates at its intersection with Segments V1 and W1, on the north side of an existing transmission line on the north side of IH 10 (see Inset).

Segment T1
Segment T1 begins at its intersection with Segments P1 and Q1, on the south side of IH 10 and on the east side of FM 2037. The segment proceeds west for approximately 0.79 mile, paralleling the south side of IH 10 and crossing FM 2037 and Leon Creek. The segment then angles southwest for approximately 1.06 miles, and then angles west-northwest for approximately 0.75 mile. The segment then angles west for approximately 1.94 miles. The segment terminates at its intersection with Segments U1 and C2, on the east side of U.S. HWY 67 (see Inset).

Segment U1 (see Inset)
Segment U1 begins at its intersection with Segments V1 and Y1, on the south side of IH 10 and on the east side of U.S. HWY 67. The segment proceeds southwest for approximately 0.39 mile, paralleling the east side of U.S. HWY 67. The segment terminates at its intersection with Segments T1 and C2, on the east side of U.S. HWY 67.

Segment V1 (see Inset)
Segment V1 begins at its intersection with Segments S1 and W1, on the north side of an existing transmission line on the north side of IH 10. The segment proceeds south for approximately 0.27 mile, immediately crossing an existing transmission line and crossing IH 10. The segment then angles west-southwest for approximately 0.51 mile. The segment terminates at its intersection with Segments U1 and Y1, on the south side of IH 10 and on the east side of U.S. HWY 67.

Segment W1 (see Inset)
Segment W1 begins at its intersection with Segments S1 and V1, on the north side of an existing transmission line on the north side of IH 10. The segment proceeds west for approximately 0.91 mile, paralleling the north side of an existing transmission line and crossing FM 1776. The segment then angles northwest for approximately 0.27 mile. The segment terminates at its intersection with Segments X1 and B3.

Segment X1
Segment X1 begins at its intersection with Segments U and V, on the east side of FM 1776. The segment proceeds south for approximately 1.73 miles, paralleling the east side of FM 1776 and then crossing FM 1776. The segment then continues south for approximately 2.81 miles. The segment terminates at its intersection with Segments W1 and B3 (see Inset).

Segment Y1
Segment Y1 begins at its intersection with Segments U1 and V1 (see Inset), on the south side of IH 10 and on the east side of U.S. HWY 67. The segment proceeds northwest for approximately 0.39 mile, crossing U.S. HWY 67. The segment then angles west for approximately 1.60 miles, paralleling the south side of IH 10. The segment then angles west-southwest for approximately 0.37 mile, and then angles northwest for approximately 0.42 mile. The segment then angles west for approximately 1.05 miles, paralleling the south side of IH 10. The segment terminates at its intersection with Segments Z1 and F2, on the south side of IH 10.

Segment Z1 (see Inset)
Segment Z1 begins at its intersection with Segments Y1 and F2, on the south side of IH 10. The segment proceeds west for approximately 0.26 mile, paralleling the south side of IH 10. The segment then turns north for approximately 0.21 mile, crossing IH 10 and an existing transmission line. The segment terminates at its intersection with Segments G2 and B3, on the north side of an existing transmission line on the north side of IH 10.

Segment A2
Segment A2 begins at its intersection with Segments N1 and O1. The segment proceeds west for approximately 7.45 miles, crossing U.S. HWY 385. The segment then angles northwest for approximately 0.54 mile, and then angles north for approximately 1.83 miles. The segment then turns west for approximately 1.33 miles, and then angles southwest for approximately 0.20 mile, paralleling the southeast side of an existing railroad. The segment then turns northwest for approximately 0.17 mile, crossing an existing railroad and an existing transmission line. The segment then angles west for approximately 1.48 miles. The segment then turns north for approximately 4.55 miles, and then turns west for approximately 2.08 miles. The segment terminates at its intersection with Segments B2 and S2, on the east side of U.S. HWY 67.

Segment B2
Segment B2 begins at its intersection with Segments C2 and D2 (see Inset), on the east side of U.S. HWY 67. The segment proceeds southwest for approximately 4.00 miles, paralleling the east side of U.S. HWY 67. The segment terminates at its intersection with Segments A2 and S2, on the east side of U.S. HWY 67.

Segment C2 (see Inset)
Segment C2 begins at its intersection with Segments T1 and U1, on the east side of U.S. HWY 67. The segment proceeds southwest for approximately 0.93 mile, paralleling the east side of U.S. HWY 67. The segment terminates at its intersection with Segments B2 and D2, on the east side of U.S. HWY 67.

Segment D2 (see Inset)
Segment D2 begins at its intersection with Segments B2 and C2, on the east side of U.S. HWY 67. The segment proceeds west for approximately 2.94 miles, immediately crossing U.S. HWY 67. The segment terminates at its intersection with Segments E2 and K2.

Segment E2 (see Inset)
Segment E2 begins at its intersection with Segments D2 and K2. The segment proceeds north for approximately 1.49 miles. The segment terminates at its intersection with Segments F2 and H2.

Segment F2 (see Inset)
Segment F2 begins at its intersection with Segments E2 and H2. The segment proceeds north for approximately 0.42 miles. The segment terminates at its intersection with Segments Y1 and Z1, on the south side of IH 10.

Segment G2 (see Inset)
Segment G2 begins at its intersection with Segments Z1 and B3, on the north side of an existing transmission line on the north side of IH 10. The segment proceeds west-northwest for approximately 0.14 mile, paralleling the north side of an existing transmission line. The segment then angles west for approximately 0.44 mile, paralleling the north side on an existing transmission line. The segment then angles northwest for approximately 0.33 mile, paralleling the north side on an existing transmission line. The segment then turns southwest for approximately 0.12 mile, paralleling the north side on an existing transmission line. The segment then angles west-northwest for approximately 0.90 mile, paralleling the north side on an existing transmission line. The segment terminates at its intersection with Segments I2 and J2, on the north side of an existing transmission line on the north side of IH 10.

Segment H2 (see Inset)
Segment H2 begins at its intersection with Segments E2 and F2. The segment proceeds west for approximately 0.80 mile, and then angles northwest for approximately 0.52 mile. The segment then angles west-northwest for approximately 1.12 miles. The segment terminates at its intersection with Segments L2, I2, and M2, on the south side of IH 10.

Segment I2 (see Inset)
Segment I2 begins at its intersection with Segments H2, L2, and M2, on the south side of IH 10. The segment proceeds north for approximately 0.24 mile, crossing IH 10 and an existing transmission line. The segment terminates at its intersection with Segments G2 and J2, on the north side of an existing transmission line on the north side of IH 10.

Segment J2
Segment J2 begins at its intersection with Segments G2 and I2, on the north side of an existing transmission line on the north side of IH 10 (see Inset). The segment proceeds northwest for approximately 0.24 mile, paralleling the north side of an existing transmission line. The segment then angles and proceeds westerly for approximately 12.3 miles, paralleling the north side of an existing transmission line and crossing an existing transmission line. The segment terminates at a point inside the Solstice Switch Station property, on the north side of IH 10 in Pecos County (see Inset).

Segment K2 (see Inset)
Segment K2 begins at its intersection with Segments D2 and E2. The segment proceeds west for approximately 2.05 miles. The segment terminates at its intersection with Segments L2 and N2.

Segment L2 (see Inset)
Segment L2 begins at is intersection with Segments K2 and N2. The segment proceeds north for approximately 2.30 miles. The segment terminates at its intersection with Segments H2, I2 and M2, on the south side of IH 10.

Segment M2
Segment M2 begins at its intersection with Segments H2, I2, and L2, on the south side of IH 10 (see Inset). The segment proceeds west-northwest for approximately 9.14 miles, paralleling the south side of IH 10. The segment terminates with its intersection with Segments P2 and Q2, on the south side of IH 10.

Segment N2
Segment N2 begins at its intersection with Segments K2 and L2 (see Inset). The segment proceeds west for approximately 5.98 miles. The segment terminates at its intersection with Segments O2 and T2.

Segment O2
Segment O2 begins at its intersection with Segments N2 and T2. The segment proceeds north for approximately 0.97 mile, and then turns west for approximately 3.16 miles. The segment terminates at its intersection with Segments P2 and V2.

Segment P2
Segment P2 begins at its intersection with Segments O2 and V2. The segment proceeds north for approximately 2.75 miles. The segment terminates at its intersection with Segments M2 and Q2, on the south side of IH 10.

Segment Q2
Segment Q2 begins at its intersection with Segments M2 and P2, on the south side of IH 10. The segment proceeds west-northwest for approximately 0.56 mile. The segment then angles northwest for approximately 0.58 mile, and then angles west-northwest for approximately 2.30 miles, paralleling the south side of IH 10. The segment terminates at its intersection with Segments R2 and W2, on the south side of IH 10 (see Inset).

Segment R2 (see Inset)
Segment R2 begins at its intersection with Segments Q2 and W2, on the south side of IH 10. The segment proceeds north for approximately 0.19 mile, crossing IH 10 and two existing transmission lines. The segment terminates at a point inside the Solstice Switch Station property, on the north side of IH 10 in Pecos County.

Segment S2
Segment S2 begins at its intersection with Segments A2 and B2, on the east side of U.S. HWY 67. The segment proceeds west for approximately 8.30 miles, immediately crossing U.S. HWY 67. The segment terminates at its intersection with Segments T2 and U2.

Segment T2
Segment T2 begins at its intersection with Segments S2 and U2. The segment proceeds north for approximately 3.00 miles. The segment terminates at its intersection with Segments N2 and O2.

Segment U2
Segment U2 begins at its intersection with Segments S2 and T2. The segment proceeds west for approximately 3.70 miles, and then angles northwest for approximately 0.19 mile. The segment then turns southwest for approximately 0.10 mile, and then angles west for approximately 3.18 miles. The segment then turns north for approximately 4.07 miles, paralleling the east side of an existing transmission line.

The segment terminates at its intersection with Segments V2 and W2, on the east side of an existing transmission line.

Segment V2
Segment V2 begins at its intersection with Segments O2 and P2. The segment proceeds west for approximately 3.84 miles. The segment terminates at its intersection with Segments U2 and W2, on the east side of an existing transmission line.

Segment W2
Segment W2 begins at its intersection with Segments U2 and V2, on the east side of on existing transmission line. The segment proceeds north for approximately 3.48 miles, paralleling the east side of an existing transmission line. The segment then turns east for approximately 0.34 mile, paralleling the south side of IH 10 (see Inset). The segment terminates at its intersection with Segments Q2 and R2, on the south side of IH 10.

Segment X2
Segment X2 begins at its intersection with Segments O and Y2, on the east side of FM 1053. The segment proceeds west for approximately 2.39 miles, immediately crossing FM 1053. The segment terminates at its intersection with Segments Y2 and Z2.

Segment Y2
Segment Y2 begins at its intersection with Segments O and X2, on the east side of FM 1053. The segment proceeds southwest for approximately 1.10 miles, paralleling the east side of FM 1053. The segment then turns northwest for approximately 0.11 mile, crossing FM 1053. The segment then angles west for approximately 0.53 mile, then angles northwest for approximately 1.53 miles. The segment terminates at its intersection with Segments X2 and Z2.

Segment Z2
Segment Z2 begins at its intersection with Segments X2 and Y2. The segment proceeds west for approximately 0.79 mile, crossing an existing transmission line and SH 18. The segment terminates at its intersection with Segments P and R1, on the west side of SH 18.

Segment A3
Segment A3 begins at its intersection with Segments E1 and C3. The segment proceeds west for approximately 5.92 miles, crossing an existing transmission line. The segment terminates at its intersection with Segments K1 and D3.

Segment B3 (Inset)
Segment B3 begins at its intersection with Segments W1 and X1. The segment proceeds southwest for approximately 0.26 mile, and then angles west for approximately 0.68 mile, paralleling the north side of an existing transmission line. The segment then angles west-northwest for approximately 0.82 mile, paralleling the north side of an existing transmission line. The segment then angles west for approximately 0.80 mile, paralleling the north side of an existing transmission line. The segment then angles west-northwest for approximately 0.25 mile, and then angles west for approximately 0.38 mile. The segment then angles northwest for approximately 0.16 mile, paralleling the north side of an existing transmission line. The segment terminates at its intersection with Segments Z1 and G2, on the north side of an existing transmission line on the north side of IH 10.

Segment C3

Segment C3 begins at its intersection with Segments E1 and A3. The segment proceeds south for approximately 0.45 mile, then angles southeast for approximately 0.12 mile, and then turns southwest for approximately 0.14 mile. The segment then angles south for approximately 1.33 miles, and then angles southwest for approximately 0.24 mile. The segment then angles south for approximately 0.24 mile, then angles southeast for approximately 0.22 mile, and then angles south for approximately 2.39 miles. The segment terminates at its intersection with Segments D1 and L1.

Segment D3

Segment D3 begins at its intersection with Segments K1 and A3. The segment proceeds north for approximately 0.65 mile. The segment terminates at its intersection with Segments J1 and M1.

Landowners and Transmission Line Cases at the PUC

Public Utility Commission of Texas

1701 N. Congress Avenue
P.O. Box 13326
Austin, Texas 78711-3326
(512) 936-7261
www.puc.state.tx.us

Effective: June 1, 2011

Purpose of This Brochure

This brochure is intended to provide landowners with information about proposed new transmission lines and the Public Utility Commission's ("PUC" or "Commission") process for evaluating these proposals. At the end of the brochure is a list of sources for additional information.

The following topics are covered in this brochure:
- How the PUC evaluates whether a new transmission line should be built,
- How you can participate in the PUC's evaluation of a line, and
- How utilities acquire the right to build a transmission line on private property.

You are receiving the enclosed formal notice because one or more of the routes for a proposed transmission line may require an easement or other property interest across your property, or the centerline of the proposed project may come within 300 feet of a house or other habitable structure on your property. This distance is expanded to 500 feet if the proposed line is greater than 230 kilovolts (kV). For this reason, your property is considered **directly affected land.** This brochure is being included as part of the formal notice process.

If you have questions about the proposed routes for a transmission line, you may contact the applicant. The applicant also has a more detailed map of the proposed routes for the transmission line and nearby habitable structures. The applicant may help you understand the routing of the project and the application approval process in a transmission line case but cannot provide legal advice or represent you. ***The applicant cannot predict which route may or may not be approved by the PUC. The PUC decides which route to use for the transmission line, and the applicant is not obligated to keep you informed of the PUC's proceedings. The only way to fully participate in the PUC's decision on where to locate the transmission line is to intervene, which is discussed below.***

The PUC is sensitive to the impact that transmission lines have on private property. At the same time, transmission lines deliver electricity to millions of homes and businesses in Texas, and new lines are sometimes needed so that customers can obtain reliable, economical power.

The PUC's job is to decide whether a transmission line application should be approved and on which route the line should be constructed. The PUC values input from landowners and encourages you to participate in this process by intervening in the docket.

PUC Transmission Line Case

Texas law provides that most utilities must file an application with the PUC to obtain or amend a Certificate of Convenience and Necessity (CCN) in order to build a new transmission line in Texas. The law requires the PUC to consider a number of factors in deciding whether to approve a proposed new transmission line.

The PUC may approve an application to obtain or amend a CCN for a transmission line after considering the following factors:
- Adequacy of existing service;
- Need for additional service;
- The effect of approving the application on the applicant and any utility serving the proximate area;
- Whether the route utilizes existing compatible rights-of-way, including the use of vacant positions on existing multiple-circuit transmission lines;
- Whether the route parallels existing compatible rights-of-way;
- Whether the route parallels property lines or other natural or cultural features;
- Whether the route conforms with the policy of prudent avoidance (which is defined as the limiting of exposures to electric and magnetic fields that can be avoided with reasonable investments of money and effort); and
- Other factors such as community values, recreational and park areas, historical and aesthetic values, environmental integrity, and the probable improvement of service or lowering of cost to consumers in the area.

If the PUC decides an application should be approved, it will grant to the applicant a CCN or CCN amendment to allow for the construction and operation of the new transmission line.

Application to Obtain or Amend a CCN:

An application to obtain or amend a CCN describes the proposed line and includes a statement from the applicant describing the need for the line and the impact of building it. In addition to the routes proposed by the applicant in its application, the possibility exists that additional routes may be developed, during the course of a CCN case, that could affect property in a different manner than the original routes proposed by the applicant.

The PUC conducts a case to evaluate the impact of the proposed line and to decide which route should be approved. Landowners who would be affected by a new line can:

- informally file a protest, or
- formally participate in the case as an intervenor.

Filing a Protest (informal comments):

If you do not wish to intervene and participate in a hearing in a CCN case, you may file **comments.** An individual or business or a group who files only comments for or against any aspect of the transmission line application is considered a "protestor."

Protestors make a written or verbal statement in support of or in opposition to the utility's application and give information to the PUC staff that they believe supports their position.

Protestors are ***not*** parties to the case, however, and ***do not have the right to***:

- Obtain facts about the case from other parties;
- Receive notice of a hearing, or copies of testimony and other documents that are filed in the case;
- Receive notice of the time and place for negotiations;
- File testimony and/or cross-examine witnesses;
- Submit evidence at the hearing; or
- Appeal P.U.C. decisions to the courts.

If you want to make comments, you may either send written comments stating your position, or you may make a statement on the first day of the hearing. If you have not intervened, however, you will not be able to participate as a party in the hearing. Only parties may submit evidence and ***the PUC must base its decision on the evidence.***

Intervening in a Case:

To become an intervenor, you must file a statement with the PUC, no later than the date specified in the notice letter sent to you with this brochure, requesting intervenor status (also referred to as a party). This statement should describe how the proposed transmission line would affect your property. Typically, intervention is granted only to directly affected landowners. However, any landowner may request to intervene and obtain a ruling on his or her specific fact situation and concerns. A sample form for intervention and the filing address are attached to this brochure, and may be used to make your filing. A letter requesting intervention may also be used in lieu of the sample form for intervention.

If you decide to intervene and become a party in a case, you will be required to follow certain procedural rules:

- You are required to timely respond to requests for information from other parties who seek information.
- If you file testimony, you must appear at a hearing to be cross-examined.
- If you file testimony or any letters or other documents in the case, you must send copies of the documents to every party in the case and you must file multiple copies with the PUC.
- If you intend to participate at the hearing and you do not file testimony, you must at least file a statement of position, which is a document that describes your position in the case.
- Failure to comply with these procedural rules may serve as grounds for you to be dismissed as an intervenor in the case.
- If you wish to participate in the proceedings it is very important to attend any prehearing conferences.

Intervenors may represent themselves or have an attorney to represent them in a CCN case. If you intervene in a case, you may want an attorney to help you understand the PUC's procedures and the laws and rules that the PUC applies in deciding whether to approve a transmission line. The PUC encourages landowners to intervene and become parties.

Stages of a CCN Case:

If there are persons who intervene in the case and oppose the approval of the line, the PUC may refer the case to an administrative law judge (ALJ) at the State Office of Administrative Hearings (SOAH) to conduct a hearing, or the Commission may elect to conduct a hearing itself. The hearing is a formal proceeding, much like a trial, in which testimony is presented. In the event the case is referred to SOAH, the ALJ makes a recommendation to the PUC on whether the application should be approved and where and how the line should be routed.

There are several stages of a CCN case:

- The ALJ holds a prehearing conference (usually in Austin) to set a schedule for the case.
- Parties to the case have the opportunity to conduct discovery; that is, obtain facts about the case from other parties.
- A hearing is held (usually in Austin), and parties have an opportunity to cross-examine the witnesses.
- Parties file written testimony before the date of the hearing. Parties that do not file written testimony or statements of position by the deadline established by the ALJ may not be allowed to participate in the hearing on the merits.
- Parties may file written briefs concerning the evidence presented at the hearing, but are not required to do so.
- In deciding where to locate the transmission line and other issues presented by the application, the ALJ and Commission rely on factual information submitted as evidence at the hearing by the parties in the case. In order to submit factual information as evidence (other than through cross-examination of other parties' witnesses), a party must have intervened in the docket and filed written testimony on or before the deadline set by the ALJ.
- The ALJ makes a recommendation, called a **proposal for decision**, to the Commission regarding the case. Parties who disagree with the ALJ's recommendation may file exceptions.
- The Commissioners discuss the case and decide whether to approve the application. The Commission may approve the ALJ's recommendation, approve it with specified changes, send the case back to the ALJ for further consideration, or deny the application. The written decision rendered by the Commission is called a **final order**. Parties who believe that the Commission's decision is in error may file motions for rehearing, asking the Commission to reconsider the decision.
- After the Commission rule on the motion for rehearing, parties have the right to appeal the decision to district court in Travis County.

Right to Use Private Property

The Commission is responsible for deciding whether to approve a CCN application for a proposed transmission line. If a transmission line route is approved that impacts your property, the electric utility must obtain the right from you to enter your property and to build, operate, and maintain the transmission line. This right is typically called an easement.

Utilities may buy easements through a negotiated agreement, but they also have the power of eminent domain (condemnation) under Texas law. Local courts, not the PUC, decide issues concerning easements for rights-of-way. The PUC does not determine the value of property.

The PUC final order in a transmission case normally requires a utility to take certain steps to minimize the impact of the new transmission line on landowners' property and on the environment. For example, the order normally requires steps to minimize the possibility of erosion during construction and maintenance activities.

HOW TO OBTAIN MORE INFORMATION

The PUC's online filings interchange on the PUC website provides free access to documents that are filed with the Commission in Central Records. The docket number, also called a control number on the PUC website, of a case is a key piece of information used in locating documents in the case. You may access the Interchange by visiting the PUC's website home page at www.puc.state.tx.us and navigate the website as follows:

- Select "Filings."
- Select "Filings Search."
- Select "Filings Search."
- Enter 5-digit Control (Docket) Number. *No other information is necessary.*
- Select "Search." *All of the filings in the docket will appear in order of date filed.*
- Scroll down to select desired filing.
- Click on a blue "Item" number at left.
- Click on a "Download" icon at left.

Documents may also be purchased from and filed in Central Records. For more information on how to purchase or file documents, call Central Records at the PUC at 512-936-7180.

PUC Substantive Rule 25.101, Certification Criteria, addresses transmission line CCNs and is available on the PUC's website, or you may obtain copies of PUC rules from Central Records.

Always include the docket number on all filings with the PUC. You can find the docket number on the enclosed formal notice. Send documents to the PUC at the following address.

Public Utility Commission of Texas
Central Records
Attn: Filing Clerk
1701 N. Congress Avenue
P.O. Box 13326
Austin, TX 78711-3326

The information contained within this brochure is not intended to provide a comprehensive guide to landowner rights and responsibilities in transmission line cases at the PUC. This brochure should neither be regarded as legal advice nor should it be a substitute for the PUC's rules. However, if you have questions about the process in transmission line cases, you may call the PUC's Legal Division at 512-936-7261. The PUC's Legal Division may help you understand the process in a transmission line case but cannot provide legal advice or represent you in a case. You may choose to hire an attorney to decide whether to intervene in a transmission line case, and an attorney may represent you if you choose to intervene.

Communicating with Decision-Makers

Do not contact the ALJ or the Commissioners by telephone or email. They are not allowed to discuss pending cases with you. They may make their recommendations and decisions only by relying on the evidence, written pleadings, and arguments that are presented in the case.

Request to Intervene in PUC Docket No. _____

The following information must be submitted by the person requesting to intervene in this proceeding. This completed form will be provided to all parties in this docket. **If you DO NOT want to be an intervenor, but still want to file comments, please complete the "Comments" page.**

Mail this completed form and 10 copies to:

Public Utility Commission of Texas
Central Records
Attn: Filing Clerk
1701 N. Congress Ave.
P.O. Box 13326
Austin, TX 78711-3326

First Name: _____ Last Name: _____

Phone Number: _____ Fax Number: _____

Address, City, State: _____

I am requesting to intervene in this proceeding. As an INTERVENOR, I understand the following:

- I am a party to the case;
- I am required to respond to all discovery requests from other parties in the case;
- If I file testimony, I may be cross-examined in the hearing;
- If I file any documents in the case, I will have to provide a copy of that document to every other party in the case; and
- I acknowledge that I am bound by the Procedural Rules of the Public Utility Commission of Texas (PUC) and the State Office of Administrative Hearings (SOAH).

Please check one of the following:

☐ I own property with a habitable structure located near one or more of the utility's proposed routes for a transmission line.

☐ One or more of the utility's proposed routes would cross my property.

☐ Other. Please describe and provide comments. You may attach a separate page, if necessary. _____

_____

_____

_____

_____

Signature of person requesting intervention:

_____ Date: _____

Comments in Docket No. _____

If you want to be a PROTESTOR only, please complete this form. Although public comments are not treated as evidence, they help inform the PUC and its staff of the public concerns and identify issues to be explored. The PUC welcomes such participation in its proceedings.

Mail this completed form and 10 copies to:

Public Utility Commission of Texas
Central Records
Attn: Filing Clerk
1701 N. Congress Ave.
P.O. Box 13326
Austin, TX 78711-3326

First Name: _____ Last Name: _____

Phone Number: _____ Fax Number: _____

Address, City, State: _____

I am NOT requesting to intervene in this proceeding. As a PROTESTOR, I understand the following:

- I am NOT a party to this case;
- My comments are not considered evidence in this case; and
- I have no further obligation to participate in the proceeding.

Please check one of the following:

☐ I own property with a habitable structure located near one or more of the utility's proposed routes for a transmission line.

☐ One or more of the utility's proposed routes would cross my property.

☐ Other. Please describe and provide comments. You may attach a separate page, if necessary. _____

_____

_____

_____

_____

Signature of person submitting comments:

_____ Date: _____

TractIDs	Segments	HabStrucs	firstname	lastname	suffix	secondname	thirdname	address1	address2	city	state	zip	country
R1-005	R1	6	Adan & Cary C	Acosta				1148 W 55th Ln		Fort Stockton	TX	79735	
O2-003; T2-002	O2, T2		B L	Agerton		C/O J P Morgan Chase Bank		P O Box 2605		Fort Worth	TX	76113	
O2-006, T-012, T-017	O2, T		Jerry	Alexander				P O Box 61		Fort Stockton	TX	79735-0061	
A2-020	A2		Majority	Allen		C/O Clayton Williams		6 Desta Drive	Ste 6400	Midland	TX	79705	
U2-007	U2		John A	Almond	Sr			1205 Pioneer Rd		Searcy	AR	72143-7212	
T-014	T		Alexis Addison	Anderson				401 Foch St	Apt 1269	Fort Worth	TX	76107	
T-014	T		Macy Ryan	Anderson				13750 CR 4125		Grandall	TX	75114	
S1-005	S1		Rollie Banta	Anderson				5418 W 141 St Terrace		Lea Wood	KS	66224	
B-001; B-002	B		Carye Lou	Angell		Will Young Benge IV		308 Coleman Rd		Carlsbad	NM	88220	
W2-003	W2		Nancy Rodman	Angulsh		C/O John Hodge		4323 Gilbert Ave #2		Dallas	TX	75219	
P-025	P		Velante	Arande	Jr			P O Box 67		Lake Arthur	NM	88253	
O2-003	O2		J Kirk	Ary				11 Phapsody Bend Dr		The Woodlands	TX	77382	
P-010; P-018	P		Myra J	Atkins				7003 Western Oak Blvd		Austin	TX	78749	
R1-010	R1	7	David	Baeza				P O Box 477		Fort Stockton	TX	79735-0477	
W1-001; W1-003	V1; W1		John Thomas	Ball				1121 Shorecrest		Garland	TX	75040-6623	
W1-001; W1-003	V1, W1		Linda C	Ball				604 N Thomson		Fort Stockton	TX	79735	
W1-001, W1-003	V1; W1		Linda M	Ball				1700 Yukon Dr		Burleson	TX	76028	
N-002, N-004, N-005; N-008, N-009, R-004, R-006	N; R		Francys Ann	Ballenger				P O Box 670609		Dallas	TX	75367	
B-003	B		Margaret McDonald	Ballew		C/O Joseph M Ansnick Trustee		HC 73 Box 405		Girvin	TX	79740	
C-001; C-004	A; B; C; Z		Margaret McDonald	Ballew		C/O Shelby Blaydes Jr		HC 73 Box 405		Girvin	TX	79740	
A1-001, A1-005; A1-010; B-004; B-007; B-013; B-015, B-016, C-002, C-003, C-005, C-006; C-008; G-001; G-002; G-004; G-005, G-006	A1, B, C; D; E, G, H, Z		Margaret McDonald	Ballew				HC 73 Box 405		Girvin	TX	79740	
A2-042	A2		Cynthia McKenzie	Baranowski				411 Sweetbriar Dr		Midland	TX	79701	
G-010	G		Kenneth	Barbe	Jr			P O Box 2107		Roswell	NM	88202	
B-010	B		Kenneth	Barber				5030 N May Ave	PMB 283	Oklahoma City	OK	73112	
F-019	F		Melissa A	Barber		C/O Wells Fargo Bank NA As Agent		P O Box 1959		Midland	TX	79702	
F-019	F		Michael C	Barber		C/O Wells Fargo Bank NA As Agent		P O Box 1959		Midland	TX	79702	
F-019	F		William Scott	Barber		C/O Wells Fargo Bank NA As Agent		P O Box 40909		Austin	TX	78704	
J2-005	J2		Elaine	Barnes				P O Box 505		Midland	TX	79702	
J2-005	J2		Julie E	Barnes		C/O DMS & Co		P O Box 5677		Abilene	TX	79608	
J2-005	J2		Olie	Barnes		C/O DMS & Co		P O Box 714		Midland	TX	79702	
J2-005	J2		Steven C	Barnes		C/O DMS & Co		P O Box 505		Midland	TX	79702	
B-001, B-002	B		James Allen	Barnsley				3823 Melody Lane		Odessa	TX	79762	
B-006; B-008; B-009	B		Elsie Price	Barry				P O Box 726		Las Cruces	NM	88004	
E-013	E		Benzio	Bat-El				1077 Cobblestone Creek Dr		Boynton Beach	FL	33472	
J2-003; M2-001, M2-003; M2-005; N-026; N-029, N-030; N-032; N-033, O2-001; P1-026; Q-012, Q-013, R-021; S-001, S-010; S-011; S-013, S-014; T-001, T-005; T-006; T-007, T-009, T-011, T-015, T-016; V-004; V-006; V-008; V-010; V-011, V-013; V-014, V-016, W-002; X-002; X-006; X-008; X-009, X1-008	G2, H2; I2, J2, L2, M2; N; O2, P1; Q; Q1, R; S, T; T1, V; W; X; X1	24	Kay Goodwin	Bateman				218 Heritage Cir		Tyler	TX	75703	
R-014	R		Kelly H	Baxter Estate		C/O Ashley Elizabeth Baxter Indp Admin		P O Box 1649		Austin	TX	78767	
N-001; N-003, N-006; N-007; N-010, R-001; R-002, R-003; R-005; R-008	M, N, R		Ann O R	Beauchamp				139 Kitty Kat Ln		Boerne	TX	78015	
G-009	G		Dale	Beaver				819 Halecrest Dr		Chula Vista	CA	91910	
G-009	G		Dean	Beaver				1180 W 500 N		Huntington	IN	46750	
G-009	G		Patricia	Beaver				4399 E 300 N		Huntington	IN	46750	
V-001	V; W, X		C H	Benefiel		C/O Diane Dawson		269 Goins Ct		Riverside	CA	92507	
B-001	B		Tommie Ethene	Benge				308 Coleman Rd		Carlsbad	NM	88220	

TractIDs	Segments	HabStrucs	firstname	lastname	suffix	secondname	thirdname	address1	address2	city	state	zip	country
O2-003	O2		M Brad	Bennett				P O Box 51510		Midland	TX	79710	
F-020	F		Cynthia R	Benoit				121 Calle Galicia		Vega Alta	PR	0692-8710	
O2-003, T2-002	O2, T2		Anne Hart	Bergen				3137 Eanes Cir		Austin	TX	78746	
G-009	G		Virginia	Best				5368 E 200 N		Markle	IN	46770	
Y1-018	E2; F2, H2; Y1; Z1		Ramanlal D	Bhakta				P O Box 2576		Edinburg	TX	78540-2576	
F-037	F; L; M		John	Bines				327 Plantation Ct		Vacaville	CA	95687	
W1-001; W1-003	V1; W1		Barton Dudley	Blaydes				4803 E Parker Rd		Allen	TX	75002	
W1-001; W1-003	V1; W1		Elizabeth L	Blaydes				P O Box 316		Terlingua	TX	79859	
W1-001; W1-003	V1; W1		Kenneth B	Blaydes				15 Hummingbird Place		Odessa	TX	79761	
W1-001, W1-003	V1, W1		Roderick	Blaydes				3226 Meadow Wood Dr		Garland	TX	75040	
W1-001; W1-003	V1; W1		Shelby H	Blaydes	Jr			2806 Andover Ave		Midland	TX	79705	
N-027	N		Clifford	Boedeker				2648 Caddo		Frisco	TX	75033	
N-027	N		George M	Boedeker	Jr			3214 Virginia		Houston	TX	77098	
N-027	N		Madeline H	Boedeker				7227 Tokalon Dr		Dallas	TX	75214-3561	
A1-003; A1-007; Z-003	A1, C, Z		James Henry	Boekenoogen				1236 Links Ln		San Antonio	TX	78260	
E-005	E	3	Walter I	Bohanan		C/O William Bill King		P O Box 352		Fort Stockton	TX	79735	
G-009	G		Diane	Bonner				2028 E 1100 North		Roanoke	IN	46783	
Y1-014	B3, W1, X1; Y1		Amelia White	Booker				2720 Essex Terrace		Houston	TX	77027	
N-017	N		Edward M	Borden		Melissa Granado		701 Georgetown		Wylie	TX	75098-5388	
N-011; N-015; R-018	N; R		Edward M	Borden				701 Georgetown		Wylie	TX	75098	
N-015; N-017, R-018	N; R		Eli	Borden				1305 Cliff Dr		Graham	TX	76450	
Y1-014	B3; W1; X1; Y1		Lynn	Bousquet				3639 Piping Rock		Houston	TX	77027	
A1-003, A1-007; Z-003	A1; C; Z		Calolline	Bovee				P O Box 1500-415		Corona Del Mar	CA	92625	
P-009	P		Martin Bartley	Bowen				1040 Granlund Rt		Troy	ID	83871-9625	
G-003	G		Lucy	Boyd		Michael Cauley, Timothy Cauley, Joseph Cauley & Brian Cauley		14627 Danville Rd		Woodbridge	VA	22193	
L2-001, L2-002	K2; L2	25; 26	Dennis	Braden				P O Box 146		Coyanosa	TX	79730-0146	
H2-003, H2-004; H2-005; V-009	H2; I2; L2; V		Dennis L & Sandra	Braden				P O Box 146		Coyanosa	TX	79730-0146	
L2-002	L2		Sandra Lee	Braden				P O Box 146		Coyanosa	TX	79730-0146	
P-015	P		Herman Donnell	Bradshaw	Jr	Vlb Acct # 571-163554 C/S Texas Veterans Land Board		3000 Murworth #1807		Houston	TX	77025	
F-037	F; L; M		Jacqueline	Brandon				1604 Algonquin Ct		Havre De Grace	MD	21078	
N-001; N-003; N-006; N-007; N-010; R-001; R-002, R-003, R-005; R-008	M, N, R		Gay O R	Braswell				403 Schryver St		Boerne	TX	78015	
H-007	H		Charles	Brooks				P O Box 85		Mc Camey	TX	79752-0085	
E-006, E-007	E	1; 2	William & Judith L	Brooks				HC 73 Box 408		Girvin	TX	79740	
H-005	H		William & Judith L	Brooks				HC 73 Box 408		Girvin	TX	79740-9740	
D1-019	D1		H L	Brown	Jr	C/O Kirkwood & Darby		309 W 7th St	Suite 1020	Fort Worth	TX	76102	
F-021	F		Charles B	Brundage		C/O Harding & Carbone		1235 North Loop West	Suite 205	Houston	TX	77008	
F-021	F		Maureen M	Brundage		C/O Harding & Carbone		1235 North Loop West	Suite 205	Houston	TX	77008	
Y1-013	B2, B3; C2, W1, Y1		J P	Bryan		C/O K E Andrews & Company		1900 Dalrock Rd		Rowlett	TX	75088	
X1-006	X1		Beverly	Burklow				P O Box 640		Monahans	TX	79756	
N-002; N-004, N-005, N-008, N-009; N-013; N-016; R-004, R-006; R-017	N; R		Martha Lethco	Burnett				P O Box 87		Cherokee	TX	76832	
G-010	G		Steven M	Burr				3207 Hanover St		Dallas	TX	75225	
J2-003, M2-001; M2-003; M2-005; N-026; N-029; N-030; N-032; N-033; O2-001, P1-026; S-010, S-011, S-013; S-014, T-001; T-005; T-006, T-007, T-009; T-011, T-015; T-016; V-014; V-016; X-002; X-006; X-008, X-009	G2, H2; I2; J2; L2; M2; N, O2; P1; Q1; S; T; T1; V; W, X	24	Dora	Butler		C/O Tommy A Butler		2000 Fifth Ave		Helena	MT	59601	
Q-012; Q-013, R-021; S-001; V-004, V-006, V-008; V-010, V-011; V-013, W-002, X1-008	Q; R; S; V; W, X1		Dora Marjorie	Butler				P O Box 372		Helena	MT	59601	
R-014	R		Constance Lee	Butz				P O Box 219		Iredell	TX	76649	
R-014	R		Walter H	Butz				P O Box 234		Mertzon	TX	76941-0234	
R-014	R		William Marvin	Butz	Jr			P O Box 786		Cibolo	TX	78108	

TractIDs	Segments	HabStrucs	firstname	lastname	suffix	secondname	thirdname	address1	address2	city	state	zip	country
J-010	J		Bambi	Byrens				15948 Meadowcrest Rd		Sherman Oaks	CA	91403	
A1-003, A1-007; Z-003	A1; C; Z		Patricia K	Cabeen Irvin				67 Sawpit Ln		Wallanbaugh Via Gloucester	NSW	2422	Australia
W1-001; W1-003	V1, W1		Sharon Elizabeth	Callison				9131 Moss Farm Ln		Dallas	TX	75243	
Y1-014	B3; W1; X1, Y1		Austin S	Campbell				P O Box 11086		Midland	TX	79702	
F-022	F		Charles Vance	Campbell	Jr			9333 Meadowbrook		Dallas	TX	75220	
Y1-014	B3; W1; X1, Y1		Holten G	Campbell				341 Creek View Terrace		Aledo	TX	76008	
F-022	F		Sarah Seay	Campbell				P O Box 222268		Dallas	TX	75222	
F-022	F		Thomas C	Campbell				6306 Woodland		Dallas	TX	75225	
R1-009	R1		Chon & Emily	Cantu				5507 N Hallford Rd		Fort Stockton	TX	79735-9426	
G-010	G		Eetradeco	Captial	II			4925 Greenville Ave	# 570	Dallas	TX	75206	
O2-003	O2		Aubrey Lynn	Cardwell				3408 Cardinal Ln		Midland	TX	79707-1813	
M2-012	M2		John I	Carr		C/O Warren Carr & Kathleen Gardner		11012 Don January		El Paso	TX	79935-3377	
E1-010, F1-004	E1, F1		Judy R	Castle				1728 Highway 3226		Deridder	LA	70634-9128	
E1-009	E1		Judy Richardson	Castle				1728 Highway 3226		Deridder	LA	70634-9128	
G-003	G		Glen Bernard & Jennifer L.	Cauley				8938 Salt Grass Dr		Pensacola	FL	32526-3264	
R1-023	R1		Joseph B	Chadborn				P O Box 12024		Portland	OR	97212	
F-027	F		Thomas M	Chalkley				328 Osage Dr		Canyon Lake	TX	78133	
F-001	F, J		Nannie G	Chamberlain		C/O Fred Chamberlain		P O Box 222337		Carmel	CA	93922-2337	
P-011	P	17	Silvia Gamboa	Chavira		Betty Hargus Trustee		206 Winding Way		Lake Jackson	TX	77566-5309	
X-005	X		Leonard	Cherry				622 Westfield Ln		Friendswood	TX	77546-6321	
J-020; J-021	J		Robert Allan	Chesebrough				1390 15th St Southeast		Rio Rancho	NM	87124	
C3-005	C3		Michael R	Childers				3201 Medina Ave		Fort Worth	TX	76133	
L1-001	C3, D1, L1, N1		Grace	Clark				P O Box 205		Big Lake	TX	76932	
F-022	F		Robert Lanier	Clark	Jr	C/O Cherly A Clark		8308 Briar Creek Dr		Annandale	VA	22003	
M-001	L; M		William P	Clark	Jr			1223 Plum St		Lockhart	TX	78644-2919	
U2-006	U2		Henry T	Clary	Jr			24701 Raymond Way #56		Lake Forest	CA	92630	
F-019; F-022	F		Christopher William	Clinton				3320 Greenebrier Dr		Dallas	TX	75225	
F-037	F; L, M		Charles R	Coakley				605 Chapel Helghts Dr		Havre De Grace	MD	21078	
F-037	F; L, M		Donald W	Coakley	Jr			201 Ringneck Ct		Havre De Grace	MD	21078	
F-037	F, L, M		Elizabeth K	Coakley				207 Secretariat Dr	Unit J	Havre De Grace	MD	21078	
F-037	F, L; M		Jack M	Coakley				506 Adams St		Havre De Grace	MD	21078	
G-010	G		Jon F	Cobb				4625 Greenville Ave	Ste 306	Dallas	TX	75206	
O2-003, T2-002	O2; T2		Lucy H	Cochrane				1417 Manford Hill Dr		Austin	TX	78753	
F-037	F, L, M		Linda	Cole				4528 CR 4		Centerville	ON	K0K1N0	Canada
C3-004; D1-017; D1-021; D1-024, D1-026, D1-029; D1-031	C3; D1		Mrs Iva Aline	Collins				Drawer A		Fort Stockton	TX	79735	
W1-001; W1-003	V1, W1		Adrian K	Conger		C/O Bryan T Conger		101 Saint James Ct		Stephenville	TX	76401	
W1-001; W1-003	V1, W1		Bryan T	Conger				101 Saint James Ct		Stephenville	TX	76401	
W1-001; W1-003	V1, W1		Michael J	Conger				1023 Southfork Ln		Bonanza	AR	72916	
W1-001, W1-003	V1; W1		Monica R	Conger				908 Pecan Trail		Cedar Hill	TX	75104	
W1-001, W1-003	V1, W1		Richard G	Conger				1023 Southfork Ln		Bonanza	AR	72916	
W1-001; W1-003	V1; W1		William R	Conger				1923 CR 388		Stephenville	TX	76401	
W1-001, W1-003	V1; W1		William R	Conger	Jr			3019 Houston St		Fort Smith	AR	72901	
F-021	F		Adam	Corey				1306 Pine Hill Clr		Pensacola	FL	32506	
F-021	F		Jason	Corey				1657 Elm Ct	Apt 8	Fort Gordon	GA	30905	
L1-001	C3, D1; L1, N1		James M	Cotton				103 Hidden Creek Lp		Houston	TX	76085	
F-019; F-022	F		Mary Helen Neal	Craft		C/O Christopher W Clinton		3320 Greenebrier Dr		Dallas	TX	75225	
M1-005, M1-006; M1-007, N1-012; N1-013; N1-014; N1-015, N1-016; N1-017; P-026, P-033, Q-001	M1, N1; P; Q, U		Clinton Price	Crawford				4640 West Murphys Station Clr		Prescott	AZ	86305	
F-033	F		Reese	Crockett		Prop Tax Div-Mobil Oil		6707 Barberry Place		Carlsbad	NM	92011	
H-006; H-008, J-001	H, J		Harold E	Cronich	Jr			17223 FM 362 Road		Navasota	TX	77688	
F-019, F-022	F		Helen Gail Fromme	Culter		C/O Christopher W Clinton		3320 Greenebrier Dr		Dallas	TX	75225	

TractIDs	Segments	HabStrucs	firstname	lastname	suffix	secondname	thirdname	address1	address2	city	state	zip	country
X-004	X		Randall Keith	Daugherty				4409 Gaines Ranch Lp	Apt 538	Austin	TX	78735	
N-012	N		Damon L & Brenda Bebe	Davidson				P O Box 58		Imperial	TX	79743-0058	
C3-005	C3		Alan T	Davis				4634 El Campo Ave		Fort Worth	TX	76107	
N-012; N-014	N		Bebe Brenda	Davison				P O Box 58		Imperial	TX	79743-0058	
F-037	F; L; M		Jean B	Debaugh				162 E Deen Ave		Aberdeen	MD	21081	
G1-011; G1-013; I-005; I-006	G1; I		David M	Demel				5005 FM 715		Midland	TX	79706	
G-009	G		Paula	Dennis				3803 Midforest Dr		Houston	TX	77068	
C2-004	C2		Delmon	Dodges				P O Box 1533		Fort Stockton	TX	79735	
F-030	F		Bruce	Downing				3824 Cedar Springs Rd	# 801	Dallas	TX	75219	
F-030	F		David	Downing				P O Box 2		Yelm	WA	98597	
F-030	F		John	Downing				7781 CR 320		Rifle	CO	81650	
F-030	F		Mike	Downing				787 25 Road		Grand Junction	CO	81505	
F-030	F		Rod	Downing				2812 N Melpomene		Tucson	AZ	85749	
R-011	R		Barbara Jean Moore	Dowski				P O Box 880792		Steamboat Springs	CO	80488	
P-013	P	19	Monte Joe	Dudley		Allen G McGuire		P O Box 195		Fort Stockton	TX	79735-3125	
P-014	P	18	Monte Joe	Dudley		C/O Jan Lahodny		P O Box 195		Fort Stockton	TX	79735-3125	
C-009; D-001; D-002; E-003; E-008; E-014; F-002; F-003; G-008; H-009; H-010	B, C; D; E; F; G; H; J		Swayne George	Dudley				2644 Parkview Dr		San Angelo	TX	76904	
U2-010	U2		J M & W P	Dulaney		C/O Gertrude Delany		6188 Stoetz Ln		Sebastopol	CA	95472-9747	
Y1-014	B3; W1; X1; Y1		Herschel Mills	Duncan	III			5231 Woodlawn Place		Bellaire	TX	77401	
Y1-014	B3, W1; X1, Y1		Robert Lindsey	Duncan				23303 Park Colombo		Calabasas	CA	91302	
Y1-014	B3; W1; X1; Y1		Rodney Dunn	Duncan				922 Macedonia Rd		Petal	MS	39465	
D1-002	D1		Shirley Kay	Duncan		C/O Phillip Sebastian		HC 73 Box 36		Mc Camey	TX	79752	
D1-002	D1		Shirley Kay	Duncan				HC 73 Box 36		Mc Camey	TX	79752	
F-037	F; L; M		Linda	Eastridge				1352 Sleep Hollow Ct		Dunedin	FL	34698	
J-007	J		George (Randy)	Eaves				P O Box 1233		Linden	TX	75563	
J-007	J		Mark	Eaves				92 Marks Lane		Linden	TX	75563	
J-007	J		Roger Dale	Eaves				203 CR 3797		Bloomburg	TX	75556	
J-007	J		Shirley Reeve	Eaves				412 Hummingbird Trl		Atlanta	TX	75551	
H-003	H		Jen Robin	Eisen				1608 Castle Ct		Houston	TX	77006	
O-002	O		Robin Jen	Eisen				1608 Castle Ct		Houston	TX	77006	
F-028; O-002	F; O		Julia Evetts	Elam				3505 Turtle Creek Blvd	# 4F	Dallas	TX	75219	
J-020; J-021	J		Debra L	Elliott				806 W 3rd Sr		Muscatine	IA	52761	
C3-005	C3		H Edison	Ellis	Jr	C/O Haaron Inc		P O Box 261313		Plano	TX	75026	
N-027	N		Jennifer B	Elmore				12202 Peachtree Ln		Frisco	TX	75035	
R1-032	R1		William Neal	Embry				P O Box 1262		Fort Stockton	TX	79735	
Y2-001	Y2		Elsworth K	Ezell				1403 W James		Fort Stockton	TX	79735	
G1-002; G1-004; G1-006; G1-008; I-002; I-004	G1; I		Thomas Joe & Debra Clayton	Ezell				P O Box B		Fort Stockton	TX	79735-1932	
R1-011	R1	8; 9	Amy V	Fabela				5543 N Hillin Rd		Fort Stockton	TX	79735	
D1-011; D1-013	D1		Gregg Lea	Fairbank				12640 CR 282		Whitehouse	TX	75791	
D1-011; D1-013	D1		Mike	Fairbank				P O Box 4804		Tyler	TX	75712	
O2-003; T2-002	O2; T2		Barbara Ann	Fannin	II			2070 Cooper St	Unit 212	Missoula	MT	59808	
O2-003; T2-002	O2; T2		Bill M Estate	Fannin	Jr	C/O Bill Fannin		2741 E Startford Dr		Tucson	AZ	85716	
O2-003, T2-002	O2; T2		Bob M	Fannin				4709 Crestway Dr		Austin	TX	78731	
O2-003; T2-002	O2; T2		Jennie Beth	Fannin				5216 Meadowbrook Dr		Fort Worth	TX	76112	
O2-003; T2-002	O2; T2		Oliver William	Fannin	III			807 Cedar Park Dr		West Lake Hills	TX	78746	
G-009	G		Karen	Faughty				4399 E 300 N		Huntington	IN	46750	
N-011; N-015; N-017, R-018	N; R		Cheri L	Ferneding				2401 Pistachio		Irving	TX	75063	
O2-003; T2-002	O2; T2		D Morgan	Firestone		C/O Firestone Farms	1011 Upper Middle Rd			Oakville	ON	L6H	Canada
O2-003; T2-002	O2; T2		D Morgan	Firestone		C/O Firestone Farms		P O Box 86060		Oakville	ON	L6H	Canada
F-014; F-016; F-018; F-022	F		Janet	Fisher				P O Box 847		Hempstead	TX	77445	
F-014; F-016; F-018; F-022; I-001	F; G1; I		Janet Sue Warner	Fisher				P O Box 847		Hempstead	TX	77445	
B-010	B		Gerald	Fitz-Gerald	Jr	C/O Erin Fitz-Gerald		3007 Calle DeBosque NW		Albuquerque	NM	87104	

TractIDs	Segments	HabStrucs	firstname	lastname	suffix	secondname	thirdname	address1	address2	city	state	zip	country
W2-002	W2		Sherry Louis	Fontenot				7919 Caruth Ct		Dallas	TX	75225-8142	
A2-039, A2-041	A2		Marjory Von Schausten	Foster		C/O Mickle McKenzie		P O Box 1736		Mc Camey	TX	79752	
P-021	P		Crespin	Franco				500 W 8th		Fort Stockton	TX	79735-5208	
N1-008; N1-011	N1		Raymundo P & Beverly K	Franco	Jr			P O Box 355		Fort Stockton	TX	79735-0355	
C-009; D-001; D-002; E-003; E-008, E-014, F-002, F-003; G-008; H-009, H-010	B, C, D, E; F; G; H; J		Carrie Deon Young	French				4520 Hickory Meadows Ln		Fort Worth	TX	76244	
F-019, F-022	F		Joy C	Fromme		C/O Christopher W Clinton		3320 Greenebrier Dr		Dallas	TX	75225	
F-019, F-022	F		Randolph Manning	Fromme		C/O Christopher W Clinton		3320 Greenebrier Dr		Dallas	TX	75225	
G-009	G		Pamela	Fulton				4399 E 300 N		Huntington	IN	46750	
F-030	F		Ted	Fults				10 E Taylor St		Savannah	GA	31401	
F-030	F		Tim	Fults				1726 1/2 W Mt Ave		Fort Collins	CO	80521	
F-030	F		Tom	Fults				3149 Chartwood Dr		Sandston	VA	23150	
F-030	F		Betty Ann	Fults Campbell				9440 SE 130th Street Rd		Summerfield	FL	34491	
L1-015; N1-001; N1-002; N1-003	L1; N1		Tamar	Gal				280 W Central Blvd		Cape Canaveral	FL	32920	
F-021	F		Charles E	Gallagher		C/O Harding & Carbone		1235 North Loop West	Suite 205	Houston	TX	77008	
F-021	F		John P	Gallagher		C/O Harding & Carbone		1235 North Loop West	Suite 205	Houston	TX	77008	
F-021	F		Mark H	Gallagher		C/O Harding & Carbone		1235 North Loop West	Suite 205	Houston	TX	77008	
J2-007	J2		Mrs Etta Mae	Garon		C/O Herbert & Philip Garon		5706 Meadow Crest		Dallas	TX	75230	
J2-007	J2		Lynn	Garonzik				9840 Dartridge Dr		Dallas	TX	75238	
A1-001, A1-005; A1-010; C-001; C-003; C-004	A; A1; B, C, Z		Billie Gene	Garro				1610 Wilson St		San Angelo	TX	76901	
P1-024	P1		Jay R	Garvin		C/O Ewa Title		306 S Nelson		Fort Stockton	TX	79735	
L2-003	L2		Matthew Scott	Garvin				P O Box 519		Fort Stockton	TX	79735-0519	
F-037	F; L; M		Martha C	Gimson		C/O Nanette C Howland		605 Chapel Heights Dr		Havre De Grace	MD	21078	
J2-001; J2-006; Q-009, Q1-001; R-020; R-022; R1-037; R1-040, R1-041, S-002; S-003, S-005, S1-001, S1-002; S1-006; S1-007, W-001; W-003	J2, Q, Q1; R; R1; S; S1, W		Allan H	Goldman				1185 Sixth Ave	10th Floor	New York	NY	10036	
F-022	F		Iris	Goldston		C/O Ryan LLC		13155 Noel Rd	Suite 100 L 78	Dallas	TX	75240	
P-023; P-024	P		Cruzelia A.	Gonzales				1526 W 53rd Ln		Fort Stockton	TX	79735	
P1-016	P1		Alex R	Gonzalez				305 S Main		Fort Stockton	TX	79735	
P-031	P		Ruben	Gonzalez				1804 N Oklahoma		Fort Stockton	TX	79735-2637	
N-027	N		Charlotte Elizabeth	Goodrich				2804 Jessica Ln		Lucas	TX	75002	
F-004	F		Bruce E & Debbie	Grady				P O Box 1287		Mc Camey	TX	79752-1287	
D1-012; D1-014, E1-002; E1-004; E1-005	D1; E1		Preston James & Barclay James	Graham				1101 S Bryant Blvd		San Angelo	TX	76903	
T-014	T		Jeffrey W	Grasty				401 W Trotters Dr		Maitland	FL	32751	
A2-038; O2-004, O2-007	A2; O2; P2		James L	Greene				P O Box 11290		Midland	TX	79702	
A2-038; O2-004, O2-007	A2; O2; P2		Sheila Anni	Greene				P O Box 11290		Midland	TX	79702	
M-007; M-008; R1-031	M; R1		Geo G	Griffin	Jr			P O Box 197		Gonzales	TX	78629	
M-006	M	4; 5	George G	Griffin	Jr			P O Box 197		Gonzales	TX	78629	
D1-011; D1-013	D1		Rebecca Lea	Griffith				202 Lilly Ln		Bullard	TX	75757	
P1-012	P1		Stacy	Grounds				2006 Hereford Blvd		Midland	TX	79707	
C3-005; D1-019	C3; D1		Mary C Harral	Hardwick				3310 Wedgwood St		Midland	TX	79707-4707	
C3-004; C3-005; D1-017, D1-019; D1-021; D1-024; D1-026, D1-029; D1-031	C3; D1		Dillard A	Harral				P O Box 869		Fort Stockton	TX	79735	
N-011; R-018	N; R		Dollie Jordan	Harris				8013 Flerro Cv		Austin	TX	78729	
X1-002	B3; U; V, W1; X1		Lee	Harris				111 E 47th Ln		Fort Stockton	TX	79735-9513	
X1-001	X1		Lee	Harris				14412 Canyon Bluff Ct		Austin	TX	79734-4368	
S1-009	S1, V1; W1		Lee & Laura Tarver	Harris		Lee Lentz		111 E 47th Ln		Fort Stockton	TX	79735-9513	
U2-003; U2-005	U2		Levanche	Harris				P O Box 329		Angleton	TX	77516-0329	
O2-003; T2-002	O2; T2		Ben Brandon	Hart				8160 Manitobia St	Apt 320	Playa Del Ray	CA	90293	
O2-003; T2-002	O2; T2		Brian Edward	Hart				2352 Grand Ave		San Diego	CA	92109	
X1-006	X1		Charles Robert	Hart				2220 Canterbury Dr		Mansfield	TX	76063	
O2-003; T2-002	O2, T2		Jessica	Hart				10410 Ethan Allen St		San Antonio	TX	78230	

TractIDs	Segments	HabStrucs	firstname	lastname	suffix	secondname	thirdname	address1	address2	city	state	zip	country
O2-003; T2-002	O2, T2		Mathew	Hart				P O Box 303311		Austin	TX	78703	
B1-005	B1		Amy N	Hartman				HC 73 Box 6		Mc Camey	TX	79752	
B1-005	B1		Randal	Hartman				HCR 73 Box 22		Mc Camey	TX	79752	
N-002; N-004, N-005, N-008; N-009, N-013, N-016, R-004, R-006; R-017	N, R		Nancy Lethco	Hayter				P O Box 820		Fort Stockton	TX	79735	
N-005; N-009; N-013; N-016; R-017, U2-019; U2-020; U2-021; U2-022; U2-023; V2-006	N, R, U2, V2		Robert D & Nancy L	Hayter				P O Box 820		Fort Stockton	TX	79735	
J-022	J		Joy Lee	Hendrix		C/O Truiet H Hendrix Jr Ext		P O Box 71362		Las Vegas	NV	89170	
Y1-014	B3; W1, X1; Y1		Amanda	Henry				205 S Clark St		Rockwall	TX	75087	
U1-003, U1-004	T1, U1		Eduardo	Hernandez				P O Box 217		Fort Stockton	TX	79735	
L-009	L		Gerardo Magos	Hernandez		C/O Oscar Gonzalez		P O Box 460		Fort Stockton	TX	79735-0460	
F-022	F		Nancy Zoe Goldston	Herpin				5773 Woodway Dr		Houston	TX	77057	
X-001	V, W, X		Gloria	Herrera				803 S Ike Ave		Monahans	TX	79756	
F-022	F		George S	Heyer	Sr			P O Box 66569		Houston	TX	77266	
L-007	L		Dianne R	Hill				P O Box 27290		Austin	TX	78755	
O2-003, T2-002	O2, T2		Darren	Hodges				P O Box 1533		Fort Stockton	TX	79735	
J2-007, O2-003, R-018; T2-002, U2-011, U2-012	J2; O2; R, T2, U2		Delmon	Hodges				P O Box 1533		Fort Stockton	TX	79735	
L-007	L		Peggy	Hodges				10157 Caribou Trl		San Angelo	TX	76901	
T-008	T		Frost Bank And Elizabeth Reasoner, Co- Trustees	Hodges Family Trust Fbo Richard H Hodges		C/O Frost Bank		P O Box 2127		Austin	TX	78767	
A2-033	A2		Delmon	Hodges		Belding Ranch		P O Box 1533		Fort Stockton	TX	79735	
P1-003	P1		Odis	Holiman				HC 34 Box 119-H		Midkiff	TX	79755	
P1-004; P1-007	P1		Rose E	Holiman				HC 34 Box 1194		Midkiff	TX	79755	
C3-004	C3		Pearl Eliza	Holstein				601 N Rio		Fort Stockton	TX	79735	
C3-005; D1-017, D1-019, D1-021, D1-024; D1-026, D1-029, D1-031	C3; D1		Pearl Elizabeth	Holstein				601 N Rio		Fort Stockton	TX	79735	
E2-002; H2-001	E2, F2; H2		Tammara	Honaker				5433 Ben Ficklin		San Angelo	TX	76904-9523	
P-016	P	20	Jamie Lee	Horton				P O Box 212		Fort Stockton	TX	79735	
A1-003; A1-007; Z-003	A1; C; Z		Russell E	Horton	Jr			6 Grove Street		New York	NY	10014	
F-037	F; L; M		Nanette C	Howland				4325 Prescott Ct		Wilmington	NC	28412-5127	
H-008	H		C S	Hunter		C/O Gloria R Odom Ex		P O Box 50217		Midland	TX	79710-8217	
H-006; J-001	H; J		C S	Hunter		C/O Mary B Hunter, Ex		P O Box 50217		Midland	TX	79710-8217	
X-005	X		Martin	Hunter				P O Box 273		Christine	TX	78012	
C3-005	C3		James R	Hurt	Jr			P O Box 72		Odessa	TX	79762	
C3-005	C3		Sam F	Hurt	Jr			P O Box 192727		Abingdon	VA	24212	
T-008	T		Bryan L Huth And Mary Jane Huth, Co-Trustees	Huth Family Revocable Trust Utd 12/14/1999		C/O Vicki Jayson		P O Box 192727		Dallas	TX	75219	
A2-023; A2-025; B2-001, B2-003; B2-004, D2-002; D2-004; S2-004	A2; B2; C2; D2; E2; K2, S2		Catherine S	Hyde				112 Vaughan St		Portland	ME	4102	
B-014	B		Martin & Julia	Ibarra				P O Box 459		Fort Stockton	TX	79735	
F-014; F-016; F-018	F		Dan Wallace	Irwin				118 N Grant St		Hinsdale	IL	60521	
R1-020	R1		A. E. & Virginia Wallace	Ivy		C/O Israel G Urias		P O Box 283		Fort Stockton	TX	79735	
L1-001	C3; D1; L1, N1		Phyllis E	Jacob				3009 Post Oak Blvd	Suite 1300	Houston	TX	77056	
I-001	G1, I		Morris	Jaffe				P O Box 4829		Horseshoe Bay	TX	78657	
L-008; L-010, M-004	L; M		Dwight C	Johnson		Marjorie J Rawlings Ind Ex		313 Granada St		El Paso	TX	79912	
M-001	L, M		Emily Ann	Johnson				707 Harbor Dr		Georgetown	TX	78633-9308	
M-001	L; M		William Andrew	Johnson				3930 South Troost Ave		Tulsa	OK	74105	
G-009	G		Brenda	Jones				4399 E 300 N		Huntington	IN	46750	
F-022	F		Louise Fromme	Kadane				4357 Southern Ave		Dallas	TX	75205-2621	
S1-005	S1		Marlilynne King	Keating				9925 Tamarack Landing Way		Las Vegas	NV	89117	
N-002; N-004, N-005; N-008, N-009; R-004, R-006	N; R		Barba Ballenger	Keene				3704 Anatole Ct		Plano	TX	75075	
R1-022	R1		Pamela	Keith				304 S Wine		Gainesville	TX	76240-5030	
A2-001	A2; N1; O1		Cheryl Diane	Kellner				P O Box 183		Loveland	OH	45140-0183	
L-014	F; L; M		Gretchen L	Kenower		Mary Jay Michel, Administrator		1203 Salford Ct		Wheaton	IL	60189-8833	

TractIDs	Segments	HabStrucs	firstname	lastname	suffix	secondname	thirdname	address1	address2	city	state	zip	country
L-014	F, L, M		Leand C.	Kenower				103 Foulkeways		Gwynedd	PA	19436	
F-019	F		T Hall	Keyes	IV			P O Box 79702		Midland	TX	79702	
L-007	L		Barron Elmer	Kidd				3838 Oak Lawn Ave	Suite 725	Dallas	TX	75219	
C2-002	C2		Dallas James	Kimble				P O Box 1232		Fort Stockton	TX	79735	
L1-007; L1-009, L1-010, L1-011; L1-013	L1		Robert B	Kincaid				P O Box 1876		Fort Stockton	TX	79735	
L1-007; L1-011; L1-013	L1		T C	Kincaid	Jr			P O Box 1371		Fort Stockton	TX	79735	
L1-007; L1-009; L1-010, L1-011; L1-013	L1		Worth Lane	Kincaid				P O Box 262		Fort Stockton	TX	79735	
D2-001, D2-003; E2-001; K2-001; S2-002; S2-003	B2; C2, D2, E2; K2, S2		Bentley B	King				P O Box 400		Fort Stockton	TX	79735-0400	
R-014	R		Elizabeth K	King				4630 Fountain		Odessa	TX	79761	
T-002, W-005	T; W		George Calvert	Kinnear				P O Box 13064		Burton	WA	98130	
T-002, W-005	T; W		Grant	Kinnear				25 Jacks Pass Ct		Camano Island	WA	98282	
F-037	F, L; M		Betty J	Kniep		C/O John Kniep		5033 Coswell Blvd		Davis	CA	95618	
O2-003, T2-002	O2; T2		Carrie Hart	Konarik				5900 Cartwright Cv		Austin	TX	78731	
A2-023, A2-025, B2-001, B2-003; B2-004, D2-002; D2-004, S2-004	A2, B2; C2; D2; E2; K2, S2		Jennifer S	Kostohryz				3404 Autumn Dr		Fort Worth	TX	76109	
J2-003; M2-001, M2-002; M2-003; M2-005, N-026; N-029, N-030; N-032, N-033, O2-001, S-010; S-011; S-012; S-013, T-001; T-005, T-006; T-008; T-009; T-011, T-015, T-016, V-014; V-016; X-002; X-006, X-008; X-009	G2, H2; I2, J2, L2; M2; N, O2; S, T; V; W, X	24	Mary E	Kramer		C/O Vicki Jayson		P O Box 192727		Dallas	TX	75219	
C-007; E-002	C; E; H		Loraine W	Lannom				P O Box 1182		Fort Stockton	TX	79735-1182	
P1-025	P1		Stephen Yan Mi	Lau		Sue Saw Yean Lau Revocable Trust		251 Ohio St	Unit 104	Pasadena	CA	91106	
L-005	L		Paul B	Lauderdale				251 High Meadows Dr.		Weatherford	TX	76088-8968	
R-011	R		Brad James	Laughlin				1402 Hardouin Ave		Austin	TX	78703	
S1-008	S1, V1, W1		Lee Frances	Lentz-Edwards				613 N Avenue D		Kermit	TX	79745-1815	
N-002; N-004; N-005; N-008; N-009, N-013, N-016; R-004, R-006; R-017	N; R		Nelson Lenord	Lethco	Jr			P O Box 32		Toyahvale	TX	79786	
L1-015; N1-001; N1-002; N1-003	L1; N1		Liat	Levi		Rafi Adi & Elior Adi		2834 Farmer Brown Ct		Myrtle Beach	SC	29579	
R1-024	R1		John Ryan	Lewis		C/O Ladelle Lewis Lemmons		2019 W Ave J		San Angelo	TX	76901-4210	
P-007, P-008	P		Tryon D	Lewis				3800 East 42nd St	Suite 500	Odessa	TX	79762-5946	
P-007; P-008	P		Tryon O	Lewis				1502 Dotsy Ave		Odessa	TX	79763-2925	
R1-024	R1		Tyron Temple	Lewis		C/O Ladelle Lewis Lemmons		2019 W Ave J		San Angelo	TX	76901-4210	
R1-024	R1		Diema Louise	Lewis Carpenter				P O Box 462		Leakey	TX	78873	
R1-024	R1		Ladelle B	Lewis Lemmons				2019 W Ave J		San Angelo	TX	76901-4210	
R1-024	R1		Myrtle Lilly	Lewis Wood		C/O Ladelle Lewis Lemmons		2019 W Ave J		San Angelo	TX	76901-4210	
N-027	N		Janet	Lincoln				P O Box 190		Hillsdale	NY	12529	
N-027	N		Joanne	Lincoln				968 Cordova Drive Ne		Atlanta	GA	30324	
O2-003	O2		Peter T	Lindstrom		Janet Lindstrom Atchley		401 S Park St A164		Chewelah	WA	99109	
F-014, F-018, F-022	F		John B	Lineham	Jr			6352 Goliad Ave		Dallas	TX	75214-3561	
F-016	F		John B & Sue R	Lineham	Jr			6352 Goliad Ave		Dallas	TX	75214-3561	
F-014; F-016, F-018; F-022	F		Paul W	Lineham				3502 Lost Creek Blvd		Austin	TX	78735	
I-001	G1; I		Betty Lou	Linehan				3811 Turtle Creek Blvd	Ste 1010	Dallas	TX	75219	
F-014, F-016; F-022	F		Warner J	Linehan				4415 Twin Post Rd		Dallas	TX	75244	
R-011	R		Lynn J	Lish				9203 Saddle Horn Ct		Prosper	TX	78078	
R-011	R		Dana L	Lochner				8750 Lower 8th Place		Lake Elmo	MN	55042	
N-018	N		Robert North	Longfield				13750 Oak Pebble		San Antonio	TX	78232	
I-001	G1, I		Jeanette H	Longoria				6111 Brdway		San Antonio	TX	78209	
W2-002	W2		Geary S	Louis				5602 Sedgefield Dr		Austin	TX	78746	
W2-002	W2		Jack	Louis				5824 Taylor Draper Cv		Austin	TX	78759	
W2-002	W2		Jack A	Louis				4100 Edwards Mountain Dr		Austin	TX	78731	
M2-010, M2-013; P1-020; P1-021; P2-001	J2; M2; P1, P2		Kathleen L	Luby				350 Argyle Ave		San Antonio	TX	78209	

TractIDs	Segments	HabStrucs	firstname	lastname	suffix	secondname	thirdname	address1	address2	city	state	zip	country
N-011; N-015; N-017; R-018	N; R		Tammy D	Lunday				2040 FM 546		Mc Kinney	TX	75069	
J-020; J-021	J		Marlene E	Lunde				2460 Glebe St	Apt 205	Carmel	IN	46032	
B-006; B-008; B-009	B		Kenneth	Lyle				10423 Sinclair Ave		Dallas	TX	75218	
E1-009; E1-010; F1-004	E1; F1		Belinda R	Mahon				315 West Lee St		Pensacola	FL	32501	
J2-010; M2-013; P2-001	J2; M2; P2		Raymond	Mangum	Jr	C/O Lereta/TX Operation		P O Box 35605		Dallas	TX	75235	
W2-002	W2		Susan Louis	Mangum				7824 West Rim Dr		Austin	TX	78731	
C3-005	C3		Cecile E	Martin				411 Meadowlakes Dr		Marble Falls	TX	78654	
G-010	G		Truitt P	Matthews		C/O Ventana Exploration Inc		7557 Rambler Rd	Suite 918, Lp 72	Dallas	TX	75231	
F-022	F		Patti L Goldston	Mayfield		C/O Iris Goldston		P O Box 570365		Houston	TX	77257	
Z2-002	Z2		Delores L	McCall		Separate Property		P O Drawer 2206		Midland	TX	79702	
Z2-002	Z2		J O	McCall	Jr	DBA McCall Family Properties		P O Box 630585		New Orleans	TX	70179	
Z2-002	Z2		Mary Linda	McCall				P O Box 630585		Houston	TX	77263	
F-019; F-022	F		Elizabeth Rose	McClellan		C/O Christopher W Clinton		3320 Greenebrier Dr		Dallas	TX	75225	
N1-004; N1-005; N1-006, N1-009	N1		Glenn	McCorkle				P O Box 1471		Fort Stockton	TX	79735	
A1-001; A1-005; A1-010; C-001; C-003, C-004	A; A1; B; C; Z		David Harkey	McDonald				P O Box 275		Mimbres	NM	88049	
D1-011; D1-013	D1		Melinda Lois	McElligott				104 Hickory St		Huntsville	TX	77230	
J2-003; M2-001; M2-003; M2-005; N-026; N-029; N-030; N-032; N-033, O2-001; P1-026, Q-012; Q-013; R-021; S-001; S-010; S-011, S-013; S-014; T-001; T-005, T-006, T-007, T-009; T-011; T-015; T-016; V-004, V-006; V-008; V-010, V-011, V-013; V-014; V-016; W-002; X-002; X-006; X-008; X-009; X1-008	G2, H2; I2; J2; L2; M2; N; O2; P1; Q, Q1; R; S; T; T1; V; W; X, X1	24	Amanda	McFarland				605 Dallas		Winona	TX	75792	
M2-012	M2		Jack L	McGowan				711 N Travis St		Sherman	TX	75090	
M2-012	M2		R B	McGowan	III			711 N Travis St		Sherman	TX	75090	
F-037	F; L; M		John W	McGrew				15600 NE Hot Creek Rd		Glenns Ferry	ID	83623	
S-005	S		Glenn	McHenry				1144 Sussex Ln		Libertyville	IL	60048	
N-020, N-021; N-024; N-025; N-028; S-004; S-007; S-008	N; S		Jack Wade	McIntyre				107 N Overland Ave		Fort Stockton	TX	79735	
N-020; N-024; S-004, S-007; S-008; Y2-002	N; S; Y2		Kenneth	McIntyre				P O Box 1565		Fort Stockton	TX	79735	
A2-028; A2-029; A2-031	A2		Roslyn K	McIntyre				P O Box 1413		Fort Stockton	TX	79735	
C1-008	C1		C & L B	McKenzie		C/O L B Mc Kenzie		3516 7-D Rd		Fort Stockton	TX	79735	
A2-042; A2-044	A2		Dean Paige	McKenzie				P O Box 174		Christoval	TX	76935	
A2-020	A2		Greg	McKenzie		Clayton Williams	C/O K E Andrews & Company	1900 Dalrock Road		Rowlett	TX	75088	
D1-011; D1-013	D1		Greg	McKenzie		C/O Lou Ann Mc Kenzie		P O Box 1604		Fort Stockton	TX	79735	
A2-042; A2-044	A2		Lance Thomson	McKenzie				P O Box 4036		Lago Vista	TX	78645	
D1-011; D1-013	D1		Lou Ann	McKenzie				P O Box 1604		Fort Stockton	TX	79735	
A2-042; A2-044	A2		Mark Stuart	McKenzie				P O Box 32		Christoval	TX	76935	
A2-042	A2		Melody McKenzie	McKenzie				P O Box 1486		Fort Stockton	TX	79735	
D1-011; D1-013	D1		Robert Michael	McKenzie				227 E Garnett St		Gainesville	TX	76240	
A2-042; A2-044	A2		Roger Kirke	McKenzie				P O Box 428		Iraan	TX	79744	
D1-011; D1-013	D1		William Blake	McKenzie				59 Lost Valley		Kerrville	TX	78028	
A2-044	A2		Cynthia	McKenzie Baranowski				411 Sweetbriar Dr		Midland	TX	79701	
A2-044	A2		Melody	McKenzie Baranowski				P O Box 1486		Fort Stockton	TX	79735	
U2-003; U2-005	U2		Lesley J Harris	McLean				909 Ivy Parkway Dr		Houston	TX	77077	
F-014	F		John G	McMillan	Jr			P O Box 683970		Park City	UT	84060	
X-003	X		Candace	McWilliams				4409 Gaines Ranch Lp	Apt 538	Austin	TX	78735	
W1-001; W1-003	V1; W1		Rebecca L	Medina				P O Box 531		Helotes	TX	78023	
J-022	J		Lonnie	Melton				1860 Indian Trail		Kingsland	TX	78639	
F-022	F		Ralph Hueston	Meriwether		2008 Tr Agreement		7110 Mossvine Dr		Dallas	TX	75254	
T-028	T		Fred	Messick				30 Oak Knoll Gardens Dr		Pasadena	CA	91106-3833	

TractIDs	Segments	HabStrucs	firstname	lastname	suffix	secondname	thirdname	address1	address2	city	state	zip	country
F-030	F		Jean Tipton	Milaskey				146 North Shore Dr		Solano Beach	CA	92705	
S1-003; S1-004	S1		Melissa A	Miller				3010 W Dickinson		Fort Stockton	TX	79735-4120	
B-008	B		Milton B	Miller		C/O Gloria R Odom Ex		16 Mersey Ct		Pueblo	CO	81005-3515	
B-006	B		Milton B	Miller		C/O Joseph M Ansnick Trustee		16 Mersey Ct		Pueblo	CO	81005-3515	
B-009	B		Milton B	Miller				16 Mersey Ct		Pueblo	CO	81005-3515	
C3-005	C3		F H	Mills	Jr			P O Box 465		Midland	TX	79702	
F-037	F, L, M		Meredith L	Minter				2720 Oak Orchard Rd		Albion	NY	14411	
O2-003; T2-002	O2, T2		Robert J	Moffatt				648 Elmwood St		Shreveport	TX	71104	
C3-005	C3		Freddie W Hurt	Moore		C/O Freddie Jean Moore Wheeler		1000 Cordova Plave Pmb 45		Santa Fe	NM	87505	
L1-015, N1-001, N1-002; N1-003	L1; N1		Jack	Moore				1509 St Thomas Cir		Myrtle Beach	SC	29577	
T2-002	T2		Michael Harrison	Moore		C/O DMS & Co		P O Box 5677		Abilene	TX	79608	
T2-002	T2		Richard Lyons	Moore		C/O DMS & Co		P O Box 5677		Abilene	TX	79608	
R-011	R		Scott P	Moore				1120 Ditchley Rd		Virginia Beach	VA	23451	
T2-002	T2		Stephen Scott	Moore		C/O DMS & Co		P O Box 5677		Abilene	TX	79608	
R-011	R		Thomas D	Moore	III			445 Jackboot Rd		Monument	CO	80132	
R-012	R		Marshall D	Moren		C/O Moren Properties		1303 Woodvine Dr		Euless	TX	76040	
R-012	R		Michelle L	Moren		C/O Moren Properties		1303 Woodvine Dr		Euless	TX	76040	
O2-007	O2; P2		Johnathan Lewis	Morgan				722 Garden Oaks Blvd		Houston	TX	77018	
A2-038; O2-004	A2; O2		Jonathan Lewis	Morgan				722 Garden Oaks Blvd		Houston	TX	77018	
A2-038; O2-004; O2-007	A2; O2; P2		Leslie Len	Morgan	PhD			P O Box 31231		San Francisco	CA	94131	
W1-002	V1; W1		Thomas R	Morris				P O Box 2000		Edinburg	TX	78540	
J2-005	J2		Christine B	Motycka		C/O DMS & Co		P O Box 5677		Abilene	TX	79608	
F-022	F		Mona Campbell	Munson				5128 Brookview		Dallas	TX	75220	
F-019; F-022	F		Cory M	Neal		C/O Christopher W Clinton		3320 Greenebrier Dr		Dallas	TX	75225	
F-019; F-022	F		James K	Neal		C/O Christopher W Clinton		3320 Greenebrier Dr		Dallas	TX	75225	
H-003, O-002	H; O		Clayton Julian	Neely				P O Box 70202		Houston	TX	77270	
H-003, O-002	H, O		Matthew Lance	Neely				P O Box 1241		Hallsville	TX	75650	
F-019	F		Kelly Kristine Baber	Nelson		C/O Wells Fargo Bank NA As Agent		P O Box 40909		Austin	TX	78704	
P-030	P		Hung Phi	Nguyen				903 Risinger Rd		Ferris	TX	75125	
R-011	R		Lee Ann N	Nolan		C/O Rathbun		12522 Bright Sky Overlook		Austin	TX	78732	
R-011	R		Terry M	Nolan				1967 Paddington		Park City	UT	84060	
R-011	R		Terry Marshall	Nolan				1967 Paddington		Park City	UT	84060	
N-011; N-015; N-017; R-018	N; R		Charles W	Oates				628 CR 325		Balmorhea	TX	79718	
N-011, N-015; N-017; R-018	N; R		Jay H	Oates				P O Box 317		Balmorhea	TX	79718	
N-011; N-015; N-017, R-018	N; R		John A	Oates				1541 N 8th		Abilene	TX	79601	
N-027	N		Jacqueline Lincoln	Ogdon				10510 Davison		Cupertino	CA	95014	
N-027	N		Jaqueline Lincoln	Ogdon				10510 Davison		Cupertino	CA	95014	
G-003	G		Adele Marie	O'Sullivan				1925 E Orange Dr		Phoenix	AZ	85016	
G-003	G		Michael Joseph	O'Sullivan		C/O Adele Marie O'Sullivan		1925 E Orange Dr		Phoenix	AZ	85016	
G-003	G		Mrs Marie A	O'Sullivan		C/O Adele Marie O'Sullivan, Ex		1925 E Orange Dr		Phoenix	AZ	85016	
F-014, F-016; F-018, F-022	F		Louise M	Palmer				215 Henry St		Whitby	ON	LNC5C5	Canada
L1-015; N1-001; N1-002; N1-003	L1; N1		Constantine	Panos		Elaine Willett		127 Green Lakes Dr		Myrtle Beach	SC	29542	
L1-015; N1-001, N1-002; N1-003	L1, N1		Theodore	Panos				142 Ascot Dr		Myrtle Beach	SC	29588	
O-003	O		Hayes	Parker				P O Box 66823		Houston	TX	77266-6823	
R1-033	R1		Jason Michael	Parker				4021 Collinwood Ave		Fort Worth	TX	76107	
R-013	R		Terrell W	Parker				100 W Center St	Ste 103	Fayetteville	AR	72701	
T-014	T		Angela Dawn W	Parten				204 Fall Creek		Richardson	TX	75080-2611	
N-011; R-018	N, R		Cheryl Dunlap	Patton		Aka Cheryl Marie Patton		P O Box 441072		Aurora	CO	80044	
N-011	N		Thomas M	Patton		C/O Tryon D Lewis		P O Box 441072		Aurora	CO	80044	
R-018	R		Thomas M	Patton				P O Box 441072		Aurora	CO	80044	
F-022	F		Cynthia Cranfill Scott	Paul				P O Box 551		Imperial Beach	CA	91933	
U2-014	U2		Domingo A & Maria Consuelo	Perez				P O Box 145		Fort Stockton	TX	79735	
R1-008	R1		Donald R & Barbara J	Peterman				5534 N Hallford		Fort Stockton	TX	79735-9426	
U2-006	U2		Betty	Phelps				129 N Marshall Ct		San Pedro	CA	90731	

TractIDs	Segments	HabStrucs	firstname	lastname	suffix	secondname	thirdname	address1	address2	city	state	zip	country
J2-003; M2-001, M2-003, M2-005, N-026; N-029, N-030; N-032, N-033, O2-001, P1-026; Q-012; Q-013; R-021, S-001, S-010; S-011, S-013; S-014, T-001, T-005; T-006; T-007; T-009, T-011; T-015, T-016, V-004; V-006, V-008; V-010, V-011; V-013; V-014; V-016; W-002; X-002, X-006, X-008; X-009, X1-008	G2; H2; I2, J2, L2; M2; N, O2; P1; Q, Q1; R; S; T, T1, V; W; X; X1	24	Leslie Harmon	Pilcher				3870 Flamingo # H2-164		Las Vegas	NV	89121	
R-001	M; N, R		Walter Cadesman	Pope	IV			P O Box 1149		Sonora	TX	76950-1123	
R-001	M; N; R		Janet	Pope Andrews				P O Box 1123		Sonora	TX	76950-1123	
M-008	M		Mona Willig	Powell				4706 Asburyt Park Terr		Louisville	KY	40241	
M-001	L; M		Roxie Clark	Powell				1009 Plum St		Lockhart	TX	78644-2915	
A2-007	A2		Milton	Puckett				P O Box 1683		Fort Stockton	TX	79735-1683	
J2-005	J2		R J	Ramsand		C/O Overbeck Properties		P O Box 5874		Midland	TX	79704	
J2-005	J2		Russell J	Ramsand		C/O Overbeck Properties		P O Box 5874		Midland	TX	79704	
F-014; F-016; F-018, F-022	F		Barbara J Warner	Ratliff				5820 El Campo Ave		Fort Worth	TX	76107	
I-001	G1, I		Barbara Jean Moore	Ratliff				5820 El Campo Ave		Fort Worth	TX	76107	
T-018	T		Kyle G	Raybon				5800 Central Ave	SW#12	Albuquerque	NM	87105	
T-018	T		Sean Davin	Raybon				5800 Central Ave	SW#12	Albuquerque	NM	87105	
V-002	V		David W	Reagan				15003 Robin Ct		Lakeway	TX	78734	
V-002	V		Don L	Reagan				3502 Honey Locust Ct		Fairfax	VA	22033	
V-002	V		Jane A	Reagan				3141 Woodwind Ln		Dallas	TX	75229	
V-002	V		John R	Reagan				18316 Hampshire Ln		San Diego	CA	92128	
J2-003; M2-001, M2-002; M2-003, M2-005, N-026, N-029; N-030, N-032; N-033; O2-001, S-010; S-011; S-012, S-013; S-014; T-001; T-005; T-006, T-007; T-008; T-009, T-011; T-015, T-016; V-014, V-016; X-002, X-006; X-008, X-009	G2; H2, I2, J2; L2, M2; N, O2; S; T; V, W, X	24	Elizabeth M Hodges	Reasoner		C/O Vicki Jayson		P O Box 192727		Dallas	TX	75219	
T-013	T		Elizabeth Anne	Reed				29007 Porch Swing		Boerne	TX	78006-9449	
L1-001	C3; D1; L1; N1		James	Rider				P O Box 2156		Big Spring	TX	79721	
L1-001	C3; D1, L1; N1		Kathleen	Rider				P O Box 324		Jayton	TX	79528	
L1-001	C3; D1, L1, N1		Kathryn	Rider				228 N Marina		Prescott	AZ	86301	
R-019	R		George & Gene	Riggs				P O Box 1803		Fort Stockton	TX	79735	
R1-029; R1-035	R1		George E	Riggs				P O Box 1803		Fort Stockton	TX	79735	
R1-022	R1		Tommy J	Riggs				1032 Camino De Chelly		Santa Fe	NM	87505	
P-009, P-019, P-022; P-032, R-019; R1-021; R1-028; R1-030	P; R; R1		Wynona M	Riggs				P O Box 1134		Fort Stockton	TX	79735	
H2-001	E2; F2; H2		Hovan	Riley		Tammara Honaker		P O Box 1183		Fort Stockton	TX	79735	
E2-002; H2-001; H2-003	E2; F2; H2		Hoven Ward	Riley		,		P O Box 1183		Fort Stockton	TX	79735	
A2-033; J2-005	A2; J2		Linda Ruth	Roark				6529 Turnberry Dr		Fort Worth	TX	76110	
D1-023, D1-030; D1-032, D1-033; D1-034	D1; L1		David O	Robbins				P O Box 299		Fort Stockton	TX	79735-0299	
D1-023; D1-030, D1-032; L1-003; L1-005	D1; L1		James Wesley	Robbins				138 Jonesboro Rd		Big Spring	TX	79720	
L-010; M-004	L; M		Melissa	Robbins				1261 Topeka Dr		Saginaw	TX	76131	
D1-023, D1-030; D1-032; L1-003; L1-005	D1; L1		Nanette	Robbins				1800 South Main St		Big Spring	TX	79720	
U2-006	U2		Peggy	Roberts				732 E Fire House Rd		Weaubleau	MO	65774	
L-007	L		Brian	Rodgers				1112 West Ninth St		Austin	TX	789703	
L-007	L		James P Riggs Living Trust	Rodgers				1610 Alta Vista		Austin	TX	78704	
W2-003	W2		Thomas E	Rodman				640 N Grant	Suite 1204	Odessa	TX	79761	
R1-017	R1	14; 15	Auden	Rodriguez		Miriam Rodriguez De La Rosa		5540 N Alexander Rd		Fort Stockton	TX	79735-9407	
R1-012	R1		Frank & Rachel	Rodriguez				1505 N Gillis		Fort Stockton	TX	79735	
F-030	F		Carl	Rogers				1629 Catalina Dr		Murray	KY	42071	
J2-010; M2-013; P2-001	J2, M2, P2		Gloria	Rogers		C/O Lereta/TX Operation		P O Box 35605		Dallas	TX	75235	

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F-021	F		Gail M	Rohmer		C/O Harding & Carbone		1235 North Loop West	Suite 205	Houston	TX	77008	
N-027	N		Florence Boedeker	Rolvaag				3260 Sandlen Rd		St Paul	MN	55112	
U-002	U		Humberto	Ronquillo				4290 N Water		Fort Stockton	TX	79735-3140	
T-018	T		Margaret Ray	Russell				P O Box 378		Leander	TX	78646	
T-018	T		Michael Ohara	Russell				303 S Preston St		Groesbeck	TX	76642	
X1-007	X1		Carol Ann	Sandquist		C/O Lereta/TX Operation		P O Box 35605		Dallas	TX	75235	
R1-007	R1		Brian Lee & Nicole Marie	Sawatzky				1913 W 55th Ln		Fort Stockton	TX	79735	
F-037	F, L; M		Michael	Scheele				P O Box 576133		Modesto	CA	95357	
C-009, D-001; D-002, E-003; E-008; E-014; F-002, F-003; G-008; H-009, H-010	B, C; D; E, F, G; H, J		Sandra B	Schkade				2014 Cat Tail Ln		San Angelo	TX	76904	
D1-011; D1-013	D1		Stephen Cade	Schneeman				P O Box 523		Iraan	TX	78744	
L-003	L		Max	Schneemann	III	C/O Conoco Phillips		P O Box 24		Big Lake	TX	76932	
F-025, F-026	F		Max	Schneemann	III	C/O Ernest Woodward Etal, Ex		P O Box 24		Big Lake	TX	76932	
F-032; F-034	F		Max	Schneemann	III			P O Box 24		Big Lake	TX	76932	
I-014; I-016; J-017, J-018; J-024; J-026; L-001; L-006	I; J; L		Max & Brenda	Schneemann	III			P O Box 24		Big Lake	TX	76932	
G-009	G		Sylvia	Schneider				2009 Simond	Ste B	Austin	TX	78723	
E-001	E		Ricky D	Schuler				P O Box 512		Mc Camey	TX	79752	
P-017	P		Kenneth Ray	Schultz				701 N Oklahoma		Fort Stockton	TX	79735	
F-014; F-016; F-018	F		Kathleen Irwin	Schuster				2615 Oak Dr	Unit 28	Lakewood	CO	80215	
G-009	G		Kay	Schwartz				1244 W Foster Pkwy		Fort Wayne	IN	46807	
L1-001	C3; D1; L1; N1		Allen	Scott				7400 E Bankhead Dr		Aledo	TX	76008	
D1-002	D1		Phillip & Linda M	Sebastian				10510 Canyon Riv		Helotes	TX	78023	
L1-015, N1-001, N1-002; N1-003	L1; N1		Sam Y	Shaharabani				1000 S Kings Hwy		Myrtle Beach	SC	29577	
U2-003; U2-005	U2		Kathleen Harris	Shields				21326 Prairie Plains Ln		Richmond	TX	77406	
Y1-014	B3; W1; X1, Y1		Deborah Duncan	Shoemaker				2513 Pilgrim Estates Dr		Texas City	TX	77590	
R1-026; R1-027	R1		Margaret E	Shouse				4301 Madison Ave	Apt 316	Kansas City	MO	64111-3493	
X-001	V; W, X		Mary Elizabeth	Shutler				11947 Caminito Corriente		San Diego	CA	92128	
T1-004	T1, V1		Brent & Lisa	Siegmund				P O Box 882		Fort Stockton	TX	79735-0882	
C2-001; U1-005, U1-006, Y1-003; Y1-004, Y1-005; Y1-006, Y1-007; Y1-008; Y1-009; Y1-010; Y1-011, Y1-012	C2; T1; U1; Y1		Reid Brent & Lisa C	Siegmund				804 #B Sycamore		Fort Stockton	TX	79735	
U1-002, Y1-001; Y1-002	U1; V1; Y1		Reid Brent & Lisa C	Siegmund		Dosie M Cribbs II		P O Box 882		Fort Stockton	TX	79735	
A2-006	A2		Anthony J	Siragusa	Jr			22630 Carter Moir		Katy	TX	77449-3628	
A2-006	A2		Thomas F	Siragusa				402 Bauxhall Ct		Katy	TX	77450	
P-007; P-008	P		Elizabeth Ann	Smith		C/O Tryon D Lewis		3800 East 42nd St	Suite 500	Odessa	TX	79762-5946	
R1-016	R1		Gayle W Aka Gale W Smith & Dorothy V	Smith				P O Box 481		Fort Stockton	TX	79735-0481	
T1-005	C2; T1; U1, V1, Y1		Howard Lee	Smith				1109 Altoga Ct		Flower Mound	TX	75028	
T1-005	C2, T1; U1, V1; Y1		James Raymond	Smith				P O Box 1618		Mc Camey	TX	79752	
R1-023	R1		Lewis Grayson	Smyer				P O Box 1279		Deming	NM	88031	
F-005	F		Casey Paul	Snell				1540 Windsor Forest Trl		Keller	TX	76262	
F-005	F		Clinton Patrick	Snell				1623 Merriford		San Antonio	TX	78209	
F-005	F		David Randall	Snell				9378 Lands Point St		San Antonio	TX	78250	
F-005	F		Jordan S	Snell				826 Deep Water		Spring Branch	TX	78070	
F-005	F		Matthew Lance	Snell				5315 Argyle Way		San Antonio	TX	78247	
M2-012	M2		L R	Snelson				P O Box 1016		Austin	TX	78767	
P-007; P-008	P		Barbara Marie	Southern		C/O Tryon D Lewis		3800 East 42nd St	Suite 500	Odessa	TX	79762-5946	
W1-001; W1-003	V1; W1		Lisabette	Sperber				856 Via Seville		Livermore	CA	94550	
L1-015; N1-001; N1-002, N1-003	L1; N1		John	Spyralatos		Penelope S Vandis		5630 Pinckney Ave		Myrtle Beach	SC	29577	
A2-023; A2-025; B2-001, B2-003, B2-004, D2-002; D2-004, S2-004	A2, B2; C2; D2; E2; K2; S2		Mark E	Staley				P O Box 1556		Midland	TX	79702	
A2-023; A2-025, B2-001; B2-003; B2-004; D2-002; D2-004, S2-004	A2; B2; C2; D2; E2; K2; S2		Paul G	Staley				P O Box 1556		Midland	TX	79702	
I-008	I		Hope S	Stone				61 East Street		Ashland	MI	38603	

TractIDs	Segments	HabStrucs	firstname	lastname	suffix	secondname	thirdname	address1	address2	city	state	zip	country
J2-010; M2-013; P2-001	J2; M2; P2		Elizabeth Lynn	Stover Meyer		C/O Lereta/TX Operation		P O Box 35605		Dallas	TX	75235	
Q-005	Q		Mark	Stradley				9111 Vista Creek		Dallas	TX	75243-7232	
T-025	T		Ruth Kennedy	Sudduth				137 Tuttle Ln		Stow	MA	01775-1158	
L-004	L		Joe F & Rosalie M	Sullivan		Tx Comptroller - Property Tax Div		5038 N Sullivan Rd		Fort Stockton	TX	79735	
F-022	F		Carolyn Campbell	Swann				4223 Ridge Rd		Dallas	TX	75229	
O2-003, T2-002	O2; T2		Emily H	Swartz				5733 N Camino Arturo		Tucson	AZ	85718	
X1-006	X1		Maryana Hart	Symes				1809 Club House Ln		San Angelo	TX	76904-8021	
Y1-014	B3; W1; X1; Y1		Harriet T	Taft		C/O Tracy Taft-Barr		244 Stoneledge Pass		Blanco	TX	78606	
F-030	F		Jana	Taft				16515 CR 327		Buena Vista	CO	81211	
Y1-014	B3; W1; X1; Y1		Paul	Taft	Jr	C/O Lomoco Inc		P O Box 6007		Tyler	TX	75711	
Y1-014	B3; W1, X1; Y1		Phillip Duncan	Taft				P O Box 40		Round Top	TX	78954	
F-022	F		George S	Tallichet				P O Box 66569		Houston	TX	77266	
F-022	F		Henri L	Tallichet				P O Box 66569		Houston	TX	77266	
Y1-014	B3; W1; X1; Y1		Victoria Taft	Taylor				14459 Still Meadow Dr		Houston	TX	77079	
P-009	P		Curt C & Mark C	Thomas		C/O William L Thomas		1000 Pleasant Hill Dr		Troy	ID	83871	
B-012	B		James E	Thorp		Owner #71525		1001 McKinney St #2200		Houston	TX	77002	
V2-002; V2-004	O2; P2; V2		Emerson Wayne	Tinkler				P O Box 234		Fort Stockton	TX	79735	
V2-002; V2-004	O2; P2, V2		Mary	Tinkler Elliott				3700 S Co Road 1185		Midland	TX	79706-6428	
F-030	F		Donald Steven	Tipton				3818 E 63rd St		Tulsa	OK	74136	
F-030	F		John J	Tipton				5001 S Auckland Ct		Aurora	CO	80015	
F-030	F		Robert E	Tipton				5712 86th Pl SW		Mukilteo	WA	98275	
F-030	F		Timothy D	Tipton				1340 Ash		Denver	CO	80220	
F-037	F; L; M		Ann M	Todd				137 Old Chestnut Rd		Elkton	MD	21921	
G-010	G		Robert K	Todd		C/O Ventana Exploration Inc		7557 Rambler Rd	Suite 918, Lp 72	Dallas	TX	75231	
S1-001	Q1, R1; S1		Austin F	Tollett		C/O W D Tollett		620 W Wilson Ave		Aransas Pass	TX	78336	
A2-001	A2; N1; O1		Elayne	Toney				12324 Starcrest Dr	Apt 301	San Antonio	TX	78216	
R1-013	R1	10; 11	Jose M & Alicia R	Trejo				5540 N Barrett Rd		Fort Stockton	TX	79735-9409	
X2-002; X2-005, X2-006	X2, Y2; Z2		Saidor Nevada	Turman		Kenji Setson Rye Turman & Miko Dyani Turman		P O Box 398		Fort Stockton	TX	79735	
J-002	F; J		George S	Turner				1105 Live Oak Ridge Rd		Austin	TX	78746	
J-002	F; J		Margaret Anne	Turner				1105 Live Oak Ridge Rd		Austin	TX	78746	
J-002	F; J		Martin E	Turner				1105 Live Oak Ridge Rd		Austin	TX	78746	
B-010	B		Jont E	Tyson				B8554 Johnson Rd		Ironwood	MI	49938	
D1-016, D1-018; D1-020	D1		Dorman	Vick				P O Box 1266		Fort Stockton	TX	79735	
U-001	U		Eddie	Villa				P O Box 51804		Midland	TX	79710	
R1-018	R1	16	Tina	Villegas		C/O Evelyn Villegas		P O Box 1242		Crowley	TX	76036-1242	
O2-003	O2		Duer Interest	Wagner	Jr			3100 W 7th St	Suite 400	Fort Worth	TX	76107	
T-013	T		Sarah Reed	Wahl				29007 Porch Swing		Boerne	TX	77523	
N-027	N		Charlotte Boedeker	Walters				9430 Hillview		Dallas	TX	75231	
B-001; B-002	B		La Donna Lou	Walters				P O Box 115		Mc Camey	TX	79752	
N1-012; N1-014	N1		Robert Craig	Warner		Non-Exempt Trust		P O Box 195		Decatur	TX	76234	
C2-003	C2		William	Warner		C/O Laura McKenzie		152 Highway 67		Fort Stockton	TX	79735	
L-007	L		Willa B	Warren				P O Box 335		Merlin	OR	97532	
T-014	T		Lezlie Sue	Watkins Tipton				9535 Dartridge Cir		Dallas	TX	75238	
S1-005	S1		Craig M	Watson				11033 Owl Creek Dr		Fort Worth	TX	76179	
C3-005	C3		Ralph L	Way				306 W Wall St	Suite 410	Midland	TX	79701	
Z2-002	Z2		Lod & Barbara	Weaver		C/O Lereta/TX Operation		P O Box 35605		Dallas	TX	75235	
R-011	R		Benjamin Allen	Weinstein				5949 Riverview Blvd		Bradenton	FL	34209	
R-011	R		John Franklin	Weinstein				5958 E Kerchoff Ave		Fresno	CA	92727	
F-014; F-016; F-018; F-022	F		Jan Linehan	Weiser				3902 Van Ness		Dallas	TX	75220	
L-010; M-004	L, M		Robin Johnson	Wells				P O Box 133		Fort Stockton	TX	79735	
Y1-014	B3; W1; X1; Y1		Duncan	White				P O Box 22377		Houston	TX	77227	
Y1-014	B3; W1; X1; Y1		Lewis Nelson	White	Jr			P O Box 867		Brenham	TX	77833	
F-014; F-016, F-018	F		Charles R	Wiggins				P O Box 10862		Midland	TX	79702	

TractIDs	Segments	HabStrucs	firstname	lastname	suffix	secondname	thirdname	address1	address2	city	state	zip	country
H2-002	F2; H2; Y1; Z1		Schuyler	Wight	III			P O Box 433		Goldsmith	TX	79741	
Z2-002	Z2		Clayton W	Williams	Jr	C/O K E Andrews & Company		1900 Dalrock Rd		Rowlett	TX	75088	
I-010, I-012, O-001	I; L, O		John Collier	Williams				P O Box 1384		La Grande	OR	97850	
P-029	P		Juan	Williams		Petra		P O Box 149		Marthon	TX	79842-0149	
I-010, I-012, O-001	I, L, O		Sallie Ann	Williams				62460 Halley Rd		La Grande	OR	97850	
M-008	M		Caldwell	Willig				2301 Rose Island Rd		Prospect	KY	40059	
F-030	F		Mrs Dee Anna	Willis				7115 Duffield Dr		Dallas	TX	75248	
V1-001	U1, V1, Y1		Kelly F	Wilson	Sr	C/O Margie Young		659 CR 165		Sidney	TX	76474	
U-005	U	23	Kevin	Wilson				P O Box 965		Fort Stockton	TX	79735	
P-028	P	21	Kevin W.	Wilson		Vlb Acct # 571-163554		P O Box 965		Fort Stockton	TX	79735	
F-019, F-022	F		Linda Ann Fromme	Wilson		C/O Christopher W Clinton		3320 Greenebrier Dr		Dallas	TX	75225	
B-001, B-002	B		Marsha Louise	Wolfe				HC 73 Box 11		Mc Camey	TX	79752	
T-018	T		Larry R	Wollschlager				1304 N Big Springs St		Midland	TX	79701	
A2-001	A2; N1, O1		Larry Allen	Wollyung				2401 S Round Barn		Liberty	IN	47353	
A2-001	A2, N1, O1		Robert L	Wollyung				30 Carol Ct		Hamilton	OH	45013	
W1-001, W1-003	V1; W1		Derek E	Wood				3749 Kersten Drive		San Jose	CA	95124	
S1-003	S1		Grace L Moore	Wood		C/O B C Lannom		P O Box 1182		Fort Stockton	TX	79735	
W1-001, W1-003	V1, W1		Mari Janette	Wood				5352 Briar Ridge Dr		Castro Valley	CA	94552	
W1-001, W1-003	V1, W1		Ted A	Wood				42924 SE 134th Place		North Bend	WA	98054	
G1-003; G1-005, G1-007; G1-009; G1-010; G1-012; G1-014, G1-016	G1; I		Boyd & Loyd	Woodward				HC 73 Box 409		Girvin	TX	79740	
H-001	E; H		Boyd L	Woodward				P O Box 942		Fort Stockton	TX	79735	
D2-001; D2-003, E2-001; K2-001; S2-002; S2-003	B2; C2, D2; E2; K2; S2		Ernest F	Woodward				HC 73 Box 29		Mc Camey	TX	79752	
G-007; G1-001; H-012	G; G1, H, I		Louis F & Mrs	Woodward		Ernest F Woodward, Lowell L Woodward, Boyd L. Woodward, And Loyd D Woodward, As Successor Co-Independent Executors		HC 73 Box 409		Girvin	TX	79740	
H-001	E; H		Lowell L	Woodward				P O Box 555		Fort Stockton	TX	79735	
H-001	E, H		Loyd D	Woodward				HC 73 Box 409		Girvin	TX	79740	
C-007; E-002	C; E; H		Nelll B	Woodward				P O Box 1177		Fort Stockton	TX	79735	
F-022	F		Betty Cranfill	Wright				P O Box 181748		Dallas	TX	75218	
N-011; N-015, N-017; R-018	N; R		Cynthia K	Wright				526 E 44th St		San Angelo	TX	76903	
J2-005	J2		Claude Forrest	Wynn				P O Box 6832		Houston	TX	77265	
J2-005	J2		Forrest Jacob	Wynn		C/O Eddye Dreyer Financial Services		4925 Greenville Ave	Ste 900	Dallas	TX	75206	
J2-005	J2		Taylor Mays	Wynn		C/O Eddye Dreyer Financial Services		4925 Greenville Ave	Ste 900	Dallas	TX	75206	
C-009; D-001; D-002; E-003; E-008; E-014; F-002; F-003, G-008; H-009; H-010	B; C; D; E; F, G; H, J		Cale Hollis	Young				1805 Woodland Blvd		Flower Mound	TX	75022	
G2-002, G2-003	G2; I2, J2		D Field	Yow	Jr			1216 Washington Terrace		Fort Worth	TX	76107	
H-006; H-008, J-001	H, J		1120 Properties LLC					100 E Huron St	Suite 3301	Chicago	IL	60611	
W-004	W		2T Partnership LTD					P O Box 1149		Pecos	TX	79772	
F-030	F		Abell- Hanger Foundation			C/O Kirkwood & Darby		309 W 7th St	Suite 1020	Fort Worth	TX	76102-5199	
J2-005	J2		Adrienne S Beauchamp Charitable Remainder Unitrust			G Todd Bright & John J Klein, Successor Trustees		4925 Greenville Ave	Ste 900	Dallas	TX	75206	
E-009; R2-001	E, R2; Y		AEP Texas Inc					1 Riverside Plaza	16th Floor	Columbus	OH	43215	
R1-034	R1		AEP Texas North Company					1 Riverside Plaza	16th Floor	Columbus	OH	43215	
O2-003; T2-002	O2; T2		Alan D Koenigsberg Marital Trust			Alan D Koenigsberg Trustee		7105 Crooked Oak		Dallas	TX	75248	
L-010	L		Alejuela Investments LLC			C/O Oscar Gonzalez		135 Wildrose Ave		San Antonio	TX	78209	
L-008, M-004	L, M		Alejuela Investments LLC					135 Wildrose Ave		San Antonio	TX	78209	
T-017	T		Alldale Minerals LP					2100 Ross Ave	Ste 1870 Lb-9	Dallas	TX	75201	
V-001	V; W; X		Alliance Royalty LTD					P O Box 10156		Midland	TX	79702-7156	
I-014, I-016, J-017; J-018; J-024, J-026, L-001, L-003; L-006	I; J, L		Anthem Oil & Gas Inc					P O Box 1015		Midland	TX	79702	

TractIDs	Segments	HabStrucs	firstname	lastname	suffix	secondname	thirdname	address1	address2	city	state	zip	country
R2-002	J2; Q2; R2; W2; Y		Arthur F Jones & Wayne Jones			Wayne H Jones, Trustee		374 W Sugarmaple Ln		Beverly Hills	FL	34465-3819	
Q-002; Q-003, Q-004, Q-006, Q-007, Q-008, Q-010; U-003; U-004; U-007; U-008; X1-010	Q, R; U, V, X1	22	Baker Acres Investments LP					P O Box 880		Ozona	TX	76943-0880	
O2-003; T2-002	O2, T2		Barbara A Fannin MD Life Estate					4101 Marys Creek Dr		Benbrook	TX	76116	
A2-002	A2		Barbara Puckett Carpenter Trust			Tr2245/46/47/48/4419 C/O Harding & Carbone - First Republicbank Midland, N A , Trustee		1235 North Loop West	Suite 205	Houston	TX	77008	
L-007	L		Barron Kidd Estate					3838 Oak Lawn Ave	Suite 725	Dallas	TX	75219	
P1-013	P1		Belding Farms LLC			C/O L B Walker & Associates		13111 Northwest	Suite 125	Houston	TX	77040	
G-010	G		Big Three Energy Group LLC					P O Box 429		Roswell	NM	88202	
J2-012; J2-013	J2; Q2		Billie Jo Ensor Revocable Living Trust			C/O Billie Jo Ensor, Trustee		2608 Ross		Clovis	NM	88101	
J2-012, J2-013	J2, Q2		Billie Jo Ensor Revocable Living Trust			C/O Josh Ensor		P O Box 725		Abilene	TX	79604	
F-019; F-022	F		Black Stone Minerals Co			K E Andrews & Company Attn Sandra Mason		1900 Dalrock Rd		Rowlett	TX	75088	
T2-002	T2		Bluebonnets & Longhorns LTD			C/O Cal Brandt		7355 Remcon Cir	Suite 200	El Paso	TX	79912	
F-020	F		Blum Living Trust			C/O Alan & Catherine Blum Trustee		125 Meadow Wood Ln		Kiel	WI	53042	
B-001; B-002	B		BP Kelton Family Limited Partnership					P O Box 901		Mc Camey	TX	79752	
N-015; N-017; T-018	N; T		Brigham Minerals LLC					5914 W Courtyard Dr	Suite 200	Austin	TX	78730	
T2-002	T2		Bright Angel LTD			C/O David Brandt		7355 Remcon Cir	Suite 200	El Paso	TX	79912	
P1-012	P1		Brockett & McNeel Ltd LLP			D/B/A Brockett & McNeel LLP		P O Box 1841		Midland	TX	79702	
M-003	M		Brown Royalties					P O Box 2690		San Angelo	TX	76902	
D1-011; D1-013	D1		Bryan McKenzie Trust			C/O Bryan McKenzie, Trustee		13348 Twinwood Ln	# 2101	Orlando	FL	32837	
F-005, F-014, F-016, F-018; F-019, F-022, F-029, I-001, J-027, L-002; W2-003	F, G1; I; J; K; L; W2		Burlington Resources Oil & Gas			C/O Conoco Phillips Attn Property Tax Dept		3300 North A St	Bldg 6	Midland	TX	79705	
H-002	H		Burnett Oil Company Inc			C/O Kirkwood & Darby		309 W 7th St	Suite 1020	Fort Worth	TX	76109	
L-007	L		C Y Group Inc					P O Box 53567		Midland	TX	79710	
U2-004	U2		C A. T Ranch, Also Known As Judy Almond Cleveand, Malcolm Willie Almond, III, & Dorothy Almond Tribble			C/O Malcom W Almond III		P O Box 877		Llano	TX	78643-0877	
G-010	G		Cactus Energy Inc					P O Box 2412		Midland	TX	79702	
F-022	F		Calto Oil Co					P O Box 12266		Dallas	TX	75225	
A1-001; A1-005; A1-010; C-001; C-003; C-004	A; A1; B; C; Z		Carol Badger Estate Partnership, A Texas General Partnership			C/O Gera Chestnutt		101 Spyglass		Universal City	TX	78148	
H-006; H-008, J-001	H, J		Cassidy Holdings LLC					270 South Shore Ln		Lake Forrest	IL	60045	
G-010	G		Ceres Resources Partners LP					3838 Oak Lawn Ave	Suite 425	Dallas	TX	75219	
F-001	F; J		Chamberlain Children Trust			Fred Chamberlain Trustee		P O Box 222337		Carmel	CA	93922-2337	
F-037, H-006, H-008; J-001	F; H, J; L; M		Chapparal Minerals			C/O Betty Kerr Moberly		P O Box 12672		Dallas	TX	75225	
Y1-014	B3; W1, X1; Y1		Charisa J Alamager Trust			C/O Austin S Campbell, Trustee		P O Box 11086		Midland	TX	79702	
A2-038, O2-004, O2-007	A2; O2; P2		Chivo Oil LLC					P O Box 3061		Midland	TX	79702-3061	
A2-022, G2-001; T-020, T-021; T-022; T-023, T-024; T-027; T-029; V-012	A2, B3, G2, H2, T, V; X; Z1	24	City of Ft Stockton					P O Box 1000		Fort Stockton	TX	79735	
A2-014; A2-016, A2-017; A2-019; A2-021; A2-032; A2-035	A2		Clayton Williams Farms Inc			C/O K E Andrews & Company		1900 Dalrock Rd		Rowlett	TX	75088	
F-014	F		Coates Energy Trust					7373 Broadway	Ste 406	San Antonio	TX	78209-3268	
J-020, J-021; L1-001	C3; D1; J; L1; N1		Cobalt Permian Royalties LLC					P O Box 102781		Denver	CO	80250	
C3-005, D1-019	C3; D1		Collins/Harral 2012 Trust			C/O D A Harral Trustee		Drawer A		Fort Stockton	TX	79735	
C3-005; D1-019	C3; D1		Collins/Holstein 2012 Trust			C/O Pearl E Holstein Trustee		601 N Rio		Fort Stockton	TX	79735	
C3-005	C3		Commonwealth Trust Co					P O Box 350		Wilmington	DE	19899	
T-018	T		Contender Energy Partners LP					4851 LBJ Freeway	Ste 325	Dallas	TX	75244	
F-023	F		Crockett Reese Properties LLC					6707 Barberry Place		Carlsbad	NM	92011	
L-007	L		Ct Debarbrie Estate		Jr	C/O Margaret A Debarbrie		P O Box 772		Santa Teresa	NM	88008	

TractIDs	Segments	HabStrucs	firstname	lastname	suffix	secondname	thirdname	address1	address2	city	state	zip	country
Y1-014	B3, W1; X1, Y1		CWD III Exploration Inc					600 Travis	Suite 3550	Houston	TX	77002	
J1-001; J1-005; J1-006; K1-004, M1-001, M1-002, M1-003; M1-004	D3; J1, K1; M1		Czar Pettus LTD					13005 Juniper Canyon Trl		Albuquerque	NM	87111-8238	
P-001; P-002, P-003, P-004; P-005, P-006, P-012, R1-001; R1-015, R1-019	P; R1; Z2		D J & Jane Sibley Life Estate Trust			C/O Allen G McGuire Trustee		P O Box 2111		Midland	TX	79702	
P-001, P-002; P-003; P-004, P-005, P-006; P-012, R1-001, R1-015, R1-019	P, R1, Z2		D J Sibley Fbo Kiowa Tua			C/O Frost National Bank Trustee Attn Hampton D Pratka		P O Box 2950		San Antonio	TX	78299	
P-001, P-002, P-003; P-004; P-005; P-006, P-012; R1-001; R1-015; R1-019	P; R1, Z2		D J Sibley Fbo Shiloh Tua			C/O Frost National Bank Trustee Attn Hampton D Pratka		P O Box 2950		San Antonio	TX	78299	
N-014	N		Damon L Davison					P O Box 58		Imperial	TX	79743	
S1-008	S1, V1, W1		David & Laura Tarver Living Trust Dated 07-26-2017			C/O David & Laura Tarver Trustees		14412 Canyon Bluff Ct		Austin	TX	78734	
A2-038, O2-004; O2-007	A2; O2; P2		Davis Paul LTD					P O Box 871		Midland	TX	79702	
R-001	M, N, R		Dcowill 2015 Tx Limited Partnership					352 W 20th St		New York	NY	10011	
A2-023; A2-025, A2-033; B2-001, B2-003; B2-004, D2-002, D2-004; J2-005, S2-004	A2, B2; C2; D2; E2, J2; K2, S2		DDDF Co Inc			C/O F H Mills President		P O Box 554		Midland	TX	79702	
L-007	L		Dennis Joe Estate			C/O Dennis Properties		P O Box 1738		Lubbock	TX	79408	
B2-001; B2-003; B2-004, D2-002; D2-004	A2; B2, C2, D2; E2; K2; S2		Desert Partners V LP					P O Box 3579		Midland	TX	79702	
F-036; L-013; M-005	F; L; M		Devon Energy Production Co LP			C/O Ad Valorem Tax Group		333 West Sheridan Ave		Oklahoma City	OK	73102	
N-002; N-004, N-005, N-008; N-009, N-013; N-016, R-004; R-006	N; R		Diamondback E & P LLC			C/O K E Andrews & Company		1900 Dalrock Rd		Rowlett	TX	75088	
N-018; R-017	N; R		Diamondback E & P LLC			C/O K E Andrews & Company		500 W Texas	Suite 1200	Midland	TX	79701	
E1-008	E1		Dianne Hanks Graham Life Estate			C/O Preston James Graham & Barclay James Graham (Remainderman)		1101 S Bryant Blvd		San Angelo	TX	76903	
R-014	R		Dixon Family Partnership LP					P O Box 77257		Houston	TX	77257	
B-011	B		DLM Family Investment, LP					P O Box 418		Montague	TX	76251	
A2-002; P1-003	A2; P1		Dow Puckett Trust			Tr2245/46/47/48/4419 C/O Harding & Carbone		1235 North Loop West	Suite 205	Houston	TX	77008	
N-011; R-018	N; R		Dunlap Minerals Partners LLC					8013 Fierro Cv		Austin	TX	78729	
M2-007	M2		Durand Energy Holdings LP					3500 Maple Ave	Suite 1165	Dallas	TX	75219	
M2-007	M2		DWZ LLC					P O Box 51987		Midland	TX	79710-1987	
F-023; F-033	F		E A Girard-Bell Limited Partnership					P O Box 5431		Santa Barbara	CA	93150	
J2-004, X-001	J2; M2; V; W; X		Earl & Mary Lou Bivins Revocable Family Trust					515 Shady Ln		Mount Vernon	WA	98273	
J-020, J-021	J		E-Casa Oil & Gas LLC					P O Box 725		Abilene	TX	79604	
Y1-015	Y1		Elizabeth Christine Graybill & Mary Graybill Rees					P O Box 1183		Olmito	TX	78575-1183	
P1-020, P1-021	P1		Elizabeth Stoner Myer - Frost N/B # 1140			C/O Lereta/TX Operation		P O Box 35605		Dallas	TX	75235	
P-001; P-002; P-003; P-004; P-005, P-006; P-012, R1-001; R1-015, R1-019	P; R1; Z2		Elizabeth V Sibley Trust			C/O Frost National Bank Trustee Attn Hampton D Pratka		P O Box 2950		San Antonio	TX	78299	
P-002; P-003, P-004; P-005	P		Elizabeth V Sibley Trust 984			C/O Lereta/TX Operation		P O Box 35605		Dallas	TX	75235	
G1-015, G1-018; I-007	G1; I		Elliott Missing Link LTD-			A Texas Limited Partnership		14949 Live Oak		College Station	TX	77845	
B-008	B		Elsie Price Barry Life Estate					P O Box 726		Las Cruces	NM	88004	
A2-002	A2		Emily Puckett-Notley Trust			Tr2245/46/47/48/4419 C/O Harding & Carbone - First Republicbank Midland, N.A., Trustee		1235 North Loop West	Suite 205	Houston	TX	77008	
P-020	P		Enviro Tank & Equipment LLC					P O Box 24426		Houston	TX	77229-4426	
E-001	E; H		Ernest Woodward Ranches LTD					HC 73 Box 29		Mc Camey	TX	79752	
F-028	F		Estate of Baxter Kelly			C/O Ashley Elizabeth Baxter Indp Admin		P O Box 1649		Austin	TX	78767	

TractIDs	Segments	HabStrucs	firstname	lastname	suffix	secondname	thirdname	address1	address2	city	state	zip	country
B-005	B		Estate of E L Brown (1/6); M. D. Bryant (1/6); Henry H. Brooks (1/6); Ralph W. Yarborough (1/6); Joseph Cocke (1/12); James Marberry (1/12); Benton Coopwood (1/12)			C/O Shelby Blaydes Jr		2806 Andover Ave		Midland	TX	79705	
G-009	G		Estate of Emmett P Beaver			C/O Carolyn J Yonder		4399 E 300 N		Huntington	IN	46750	
H-003	H		Estate of J F Ellyson Jr			C/O Nancy M Ellyson, Executrix		226 Preston Dr	Apt 313	Seguin	TX	78155	
S-006	S		Estate of J R Price			C/O Ruth T Draughon		2408 Retriever Land		Greensboro	NC	27455	
W1-002	V1; W1		Estate of Joe P Pritchett			C/O Jana L Bickham Independent Executrix		P O Box 6407		Corpus Christi	TX	78466	
F-030	F		Estate of Kelly H Baxter			C/O Ashley Elizabeth Baxter Indp Admin		P O Box 1649		Austin	TX	78767	
F-028	F		Estate of Kelly H Baxter			C/O Ashley Elizabeth Baxter Indp Admin (Ashley Elizabeth Baxter 1/3, Abbie Blair Baxter 1/3, Kelly Hollis Baxter 1/3)		P O Box 1649		Austin	TX	78767	
T-003	T		ETP Crude LLC					8111 Westchester Dr	Suite 600	Dallas	TX	75225	
O-002	O		F J Ellyison Jr Estate			C/O Nancy M Ellyson		226 Preston Dr	Apt 313	Seguin	TX	78155	
R-001	M; N, R		Fair Park Sa LLC					606 S Jefferson St		San Angelo	TX	76901	
H-001	E; H		Fairway Oil & Gas Company					P O Box 845		Sparta	NJ	7871	
E1-003; E1-006; E1-007, E1-010; F1-001; F1-002; F1-003; F1-004	E1; F1		Farmcraft Properties Inc					1728 Highway 3226		Deridder	LA	70634-9128	
F-030	F		Fikes L Foundation					3161 Webb Ave		Dallas	TX	75205	
B3-001; B3-002; B3-003; X1-003, X1-004; X1-005	B3, X1		Firestone Tire & Rubber Co			Bridgestone Firestone North America	C/O Tax Advisors Group	P O Box 671287		Dallas	TX	75367-1287	
D1-012, D1-014; D1-015; E1-001; E1-002, E1-004; E1-005, E1-008	C1; D1; E1, F1		Freda Hanks Family Partnership #2					1101 S Bryant Blvd		San Angelo	TX	76903	
I-010; I-012; O-001	I; L; O		Ft Stockton Historical Society			C/O Stancil & Co		301 S Main		Fort Stockton	TX	79735	
A2-046	A2, B2		G B Ranch Co Inc			C/O Frank Baker		4301 Flagstaff Cir		Austin	TX	78759-5021	
F-014, X1-007	F, X1		G Y Group Inc					P O Box 53567		Midland	TX	79710	
J-025	I, J		Garrett & Co Resources			Tx Comptroller - Property Tax Div		9701 N Brdway Ext		Oklahoma City	OK	73114-6316	
R1-036, R1-038; R1-039, T1-001, T1-002; T1-003	Q1, R1, T1		Gataga Farms & Ranch LLC			C/O K E Andrews & Company		1900 Dalrock Rd		Rowlett	TX	75088	
W-005	W		George & Caroline Kinnear Estate			Grant Kinnear, Executor		25 Jacks Pass Ct		Camano Island	WA	98282	
O2-007	O2; P2		Gerald Self Trust 478-11			C/O Harding & Carbone		1235 North Loop West	Suite 205	Houston	TX	77008	
M-009	M		Gigi R Griffin 74-631-1601		Jr	C/O George Griffin, Jr - Trustee		P O Box 197		Gonzales	TX	78629-0197	
C-009; D-001; D-002; E-003, E-008; E-014, F-002, F-003; G-008, H-009; H-010	B, C, D; E, F; G; H; J		Girvin Ranch Co					2819 Chatterton Dr		San Angelo	TX	76904	
N-002; N-004; N-005; N-008; N-009; R-004; R-006	N; R		Glass White River Ranches LLC					P O Box 785		Sterling City	TX	76951	
P1-020; P1-021	P1		Gloria Rogers - Frost N/B # 1139			C/O Lereta/TX Operation		P O Box 35605		Dallas	TX	75235	
T2-002	T2		Gourley Royalty Co LLC					P O Box 2215		Ardmore	OK	73402	
L-015; M-002	L; M		Great Western Drilling			C/O Stancil Property Tax LLC		400 E Las Colinas Blvd	Suite 700	Irving	TX	75039	
M-007	M		Griffin Family Trust			Kenji Setson Rye Turman		P O Box 197		Gonzales	TX	78629	
M-006; M-008; R1-031	M, R1	4, 5	Griffin Family Trust					P O Box 197		Gonzales	TX	78629	
M-009	M		Griffin Triple G LTD			C/O Frank Eastman		P O Box 197		Gonzales	TX	78629-0197	
M-009	M		Griffin Triple G LTD					P O Box 197		Gonzales	TX	78629-0197	
T-004	T		Halcon Operating Company					1000 Louisiana St	Suite 6700	Houston	TX	77002	
G-010	G		Hallmark Energy LLC					8201 Preston	Suite 310 Lb 13	Dallas	TX	75225	
G-010	G		Halpin, Cobb & Morey					4625 Greenville Ave	Ste 306	Dallas	TX	75206	
I-001	G1, I		Headington Royalty Inc			C/O K E Andrews & Company		1900 Dalrock Rd		Rowlett	TX	75088	
R1-025	R1		Henderson Partnership					6233 La Posta		El Paso	TX	79912	
B-011	B		Henke Petroleum Corporation, an Oklahoma Corporation			C/O Harding & Carbone		1421 E 45th Ln		Shawnee	OK	74804	
B-010, L-007; O2-004, O2-007	B, L, O2; P2		Henke Petroleum Corporation, an Oklahoma Corporation					1421 E 45th Ln		Shawnee	OK	74804	

TractIDs	Segments	HabStrucs	firstname	lastname	suffix	secondname	thirdname	address1	address2	city	state	zip	country
J-020, J-021, L1-001	C3; D1; J; L1; N1		Heper Down Under LLC					P O Box 2078		Abilene	TX	79604	
F-016	F		Herd Partners LTD					P O Box 130		Midland	TX	79702	
G-010	G		Highland Energy Company (Texas)					7557 Rambler Rd	Suite 918, Lp 72	Dallas	TX	75231	
P-006, P-012, R1-001, R1-015, R1-019	P; R1; Z2		Hiram Andrew Sibley Management Trust 1989			C/O Frost National Bank Trustee Attn Hampton D Pratka		P O Box 2950		San Antonio	TX	78299	
P-001; P-002, P-003, P-004; P-005	P, Z2		Hiram Andrew Sibley Tr # 1157			C/O Frost National Bank Trustee Attn Hampton D Pratka		P O Box 2950		San Antonio	TX	78299	
P-001, P-002; P-003, P-004; P-005, P-006; P-012; R1-001; R1-015; R1-019	P, R1; Z2		Hiram Andrew Sibley Tr Tua			C/O Frost National Bank Trustee Attn Hampton D Pratka		P O Box 2950		San Antonio	TX	78299	
F-022	F		Hodge Mary Horne Trust					5930 Royal Ln	Ste E-500	Dallas	TX	75230	
J2-003; M2-001; M2-002; M2-003; M2-005; N-026; N-029; N-030; N-032; N-033; O2-001; S-010; S-011, S-012; S-013, S-014; T-001; T-005, T-006; T-007; T-009; T-011, T-015, T-016; V-014; V-016; X-002; X-006; X-008, X-009	G2, H2, I2, J2; L2; M2; N; O2; S; T, V; W; X	24	Hodges Family Trust Fbo Richard H Hodges			C/O Frost National Bank & Elizabeth Reasoner, Co- Trustees		P O Box 2127		Austin	TX	78767	
A2-023, A2-025, B2-001; B2-003, B2-004; C3-005; D2-002; D2-004; S2-004	A2; B2; C2, C3; D2; E2; K2; S2		Hodges Oil Company Inc					P O Box 1533		Fort Stockton	TX	79735	
C3-005	C3		Holton Family Partnership LP					2404 Seaboard Ave		Midland	TX	79705	
Y1-014	B3; W1; X1; Y1		Honey Creek Operations LLC			C/O Lereta/TX Operation		P O Box 35605		Dallas	TX	75235	
R1-014	R1	12, 13	Hornet Civil Services LLC					P O Box 1029		Jennings	LA	70546	
Y1-014	B3, W1, X1, Y1		Hoya Partners					P O Box 871		Midland	TX	79702	
R-001	M; N, R		Huffman Land & Minerals LP					1419 Paseo De Vaca		San Angelo	TX	76901	
J2-003; M2-001; M2-002; M2-003; M2-005; N-026, N-029, N-030; N-032; N-033, O2-001; S-010; S-011, S-012, S-013; S-014, T-001, T-005; T-006, T-007; T-009; T-011; T-015; T-016; V-014; V-016, X-002; X-006, X-008; X-009	G2; H2; I2, J2, L2; M2; N, O2; S; T, V; W, X	24	Huth Family Revocable Trust Utd 12/14/1999			C/O Vicki Jayson -Bryan L Huth & Mary Jane Huth, Co-Trustees		P O Box 192727		Dallas	TX	75219	
C1-009; C1-010	C1, E1; F1		International Evangelism Associates			Tx Comptroller - Property Tax Div		P O Box 1174		Salado	TX	76571	
F-031	F		Irt Land & Minerals LLC			C/O Kirkwood & Darby		P O Box 36156		Phoenix	AZ	85067-6156	
O2-003; T2-002	O2, T2		I-S of Texas Family Partnership					12720 Hillcrest Rd	Suite 525	Dallas	TX	75230	
P-002; P-003; P-004, P-005	P		J D Sibley FBO Kiowa			C/O Frost National Bank Trustee Attn Hampton D Pratka		P O Box 2950		San Antonio	TX	78299	
P-002; P-003; P-004, P-005	P		J D Sibley FBO Shiloh			C/O Frost National Bank Trustee Attn Hampton D Pratka		P O Box 2950		San Antonio	TX	78299	
O2-006; Y-002	O2; Y		J Don Land & Cattle Co LLC					1008 N Kansas St	Suite 1	Fort Stockton	TX	79735	
X1-007	X1		J G Armstrong Family Minerals LLC			C/O Lereta/TX Operation		P O Box 35605		Dallas	TX	75235	
L-007	L		J H Armstrong Est			C/O ICG		P O Box 8265		Wichita Falls	TX	76307	
R-011	R		Jackie Mitchell/Jtlm Revocable Trust			C/O Holly Mitchell		Cedar House Woodland Farm	Puckham Woods Whittington	Cheltenham	GL	GL54 4EY	United Kingdom
A2-023, A2-025, A2-033; B2-001; B2-003; B2-004; D2-002, D2-004, S2-004	A2; B2; C2; D2, E2, K2; S2		Jak Minerals LLP					P O Box 3753		Littleton	CO	80161	
P-001, P-002; P-003, P-004, P-005, P-006; R1-001; R1-015; R1-019	P; R1; Z2		Jake Sibley Children's Trust			Fbo Elizabeth Sibley - Frost NB Trust Attn Hampton D Pratka		P O Box 2950		San Antonio	TX	78299	
P-001; P-002; P-003, P-004; P-005; P-006, P-012, R1-001, R1-015; R1-019	P; R1; Z2		Jake Sibley Children's Trust			Fbo Sarah E Sibley - Frost NB Trust Attn Hampton D Pratka		P O Box 2950		San Antonio	TX	78299	
T-018	T		James Steven Schelberg Trust U/T/A Dated 3/06/2014					31937 Olde Franklin Dr		Farmington Hills	MI	48234	
B-012	B		James-Perkins Investments, LTD			C/O Clara Perkins Marchant		1907 Violet Pl		Richardson	TX	75080	
[illegible]8, O-002	F, O		Jan Woodhouse Trust Limited Partnership Ltd			C/O Conoco Phillips		2775 Club Valley Ct		Jonesboro	GA	30236	
[illegible]02; P-003; P-004; P-005	P		Jane Dunn Sibley Marital Tr			C/O Lereta/TX Operation		P O Box 35605		Dallas	TX	75235	
[illegible]01; P-002; P-003; P-004; P-005, P-006; P-012, R1-001; R1-015, R1-019	P; R1; Z2		Jane Dunn Sibley Martial Tr AA308			Frost National Bank Trustee C/O Hampton D Pratka		P O Box 2950		San Antonio	TX	78299	

TractIDs	Segments	HabStrucs	firstname	lastname	suffix	secondname	thirdname	address1	address2	city	state	zip	country
T-018	T		Jane Susan Schelberg Trust U/T/A Dated 3/06/2014					5386 Putnam		West Bloomfield	MI	48323	
D1-011, D1-013	D1		JM Three Canyon Ranch, LLC					7500 San Felipe St	Suite 777	Houston	TX	77063	
B-010	B		Jo Ann Shaw Barber Irrevocable Trust			The Heritage Trust Company, N. A Trustee	50 Penn Place Suite R225	1900 NW Expressway		Oklahoma City	OK	73112	
O2-003; T2-002	O2; T2		Joan Phillips, Darby Dan Farms			C/O Bolon Hart & Buehler Inc		100 S Brd St	Ste 2450	Columbus	OH	43215	
B-011	B		John B & Sue R Milam Gerald Self Tr 478-11					P O Box 26		Chelsea	OK	74106	
A2-002	A2		John Milton Puckett Trust			Tr2245/46/47/48/4419 C/O Harding & Carbone - First Republicbank Midland, N.A , Trustee		1235 North Loop West	Suite 205	Houston	TX	77008	
E-004; E-010; E-011	E		John W Scott Rev Liv Trust					P O Box 512		Bainbridge	OH	45612	
T-002; W-005	T; W		Johns Family Trust			Susan Murphy Johns Trustee		5604 Doliver		Houston	TX	77056-2322	
T-002	T		Johns William Potter Irrevocable Trust			Christopher K Johns Trustee		601 Sawyer St	Ste 650	Houston	TX	77056-2322	
U-006	U		Johnson Oil Corporation					13751 Old Weatherford Rd		Aledo	TX	76008	
J2-008; X-010; X-011, X-012; X-013; X-014; X-015; Y-003	J2; T, X; Y		Joho Enterprises Inc					1008 N Kansas St	Ste 4	Fort Stockton	TX	79735-3801	
Z2-002	Z2		JOM JR-GP LLC					P O Box 19927		New Orleans	TX	70179	
R1-006	R1		Jonah Investment Group LLP					1303 W Dickinson		Fort Stockton	TX	79735	
J2-005	J2		Justiss Oil Co					P O Box 2990		Jena	LA	71342	
A2-023; A2-025, A2-033, B2-001; B2-003; B2-004; D2-002, D2-004, S2-004	A2, B2, C2; D2; E2; K2; S2		Kars O&G LLC					P O Box 2318		Edmond	OK	73083	
F-022	F		Keller Mary B Rev Trust					105 Oxford Ln		Branson	MO	65616	
S2-008	S2		Kennedy IEP					P O Box 804		Taylor	TX	76574	
S2-016	S2		Kennedy Ranch			C/O Diane Dawson		P O Box 804		Taylor	TX	76574	
K2-002; N2-001; N2-003; N2-006; N2-012; S2-005; S2-011; S2-012; S2-017	K2; L2; N2, O2; S2; T2, U2		Kennedy Ranch					P O Box 804		Taylor	TX	76574	
F-014; F-016, F-018; F-019; F-022	F		Kerr-McGee Corporation			C/O Property Tax Mt 2404		P O Box 1330		Houston	TX	77251	
F-019	F		Keys Management Trust			Wells Fargo Bank NA Trustee		P O Box 1959		Midland	TX	79702	
T2-002	T2		Kimberly C Koenigsberg Family Trust			Alan D Koenigsberg Trustee		7105 Crooked Oak		Dallas	TX	75248	
O2-003; T2-002	O2, T2		Kingdon R Hughes Family Limited Partnership					3811 Turtle Creek Blvd	Suite 1080	Dallas	TX	75219	
N2-004; N2-005; N2-008; N2-009; S2-009; S2-013	N2; S2		K-Macuk-Newton					P O Box 804		Taylor	TX	76574-0804	
A2-030	A2		Kristen Gibello, Successor Administratrix in the Estate of Rosa Eichenhofer			C/O Kristin Gibello		14929 Alva Dr		Pacific Palisades	CA	90272-4402	
D1-011; D1-013	D1		L.B. McKenzie & Barbara F. McKenzie Trust			Lawrence B. McKenzie Jr, Trustee		3616-7 D Rd		Fort Stockton	TX	79735	
M1-008; M1-010; M1-011; M1-012; N1-018; N1-019, N1-020; N1-021; N1-022, N1-023; N1-024; N1-025; O1-001; O1-002; O1-003; O1-004	M1; N1, O1		La Escalera LTD Partnership			Gerald Lyda, Sr.,Pres.		P O Box 1026		Fort Stockton	TX	79735	
F-019	F		Laforce Family LP					P O Box 353		Midland	TX	79702	
J2-005	J2		Laurie B Barr Family Trust			C/O Lereta/TX Operation - Julie Barnes, C Motyka, Wells Fargo Bank, Co-Trustees		P O Box 35605		Dallas	TX	75235	
A-001	A; B; C; Z		LCRA Transmission Service Corp					P O Box 2629		Addison	TX	75001	
F-030	F		Legacy Trust					3161 Webb Ave		Dallas	TX	75205	
C3-005; G-010	C3, G		Lemon Creek Oil & Gas LTD					P O Box 192199		Dallas	TX	75219	
A2-023, A2-025; A2-033; B2-001; B2-003; B2-004; D2-002; D2-004; S2-004	A2; B2; C2; D2; E2; K2, S2		Ler and LLC					P O Box 303424		Austin	TX	78703	
Y1-014	B3; W1; X1, Y1		Lindley Energy LLC					P O Box 10220		Midland	TX	79702	
F-019	F		Lochbule Limited Partnership					6801 N Broadway	Suite 300	Oklahoma City	OK	73116	

TractIDs	Segments	HabStrucs	firstname	lastname	suffix	secondname	thirdname	address1	address2	city	state	zip	country
C-007; E-002; H-004	C; E; H		Louis Ferrel Woodward Marital Trust			Ernest-Lowell-Boyd-Lloyd Woodward Independent Co-Executors		HC 73 Box 409		Girvin	TX	79740	
O2-005; O2-008	O2; P2		Louise L Wilholt Trust			C/O J C Wilholt		9225 McCowans Ferry Rd		Versailles	KY	40383-8943	
N-021; N-025; N-028	N		Lowe Royalty Partners LP			C/O Thomson Property Tax Service		P O Box 113357		Carrollton	TX	75011	
Y1-014	B3; W1; X1; Y1		Mad Exploration Inc					600 Travis	Suite 3550	Houston	TX	77002	
J2-011; Q2-001; Q2-003; Q2-004; Q2-005, Q2-006; R2-002; V2-001, V2-003; V2-005; W2-001; W2-003; W2-004	J2, M2; O2; P2; Q2; R2; U2; V2; W2; Y		Maddox Ranch LTD			C/O Harding & Carbone		1235 North Loop West	Suite 205	Houston	TX	77008	
P2-002	P2		Maddox Ranch LTD					P O Box 1424		San Marcos	TX	78667	
F-005	F		Madison Brooke Seward Trust			Robert Snell Trustee		10122 Iron Oak Ln		San Antonio	TX	78213	
G-010	G		Maripa LTD					4625 Greenville Ave	Ste 306	Dallas	TX	75206	
X-007	X		Marrow Harrison Interests LLC					1705 S Capital of Texas Hwy	Suite 125	Austin	TX	78746	
F-019	F		Mary B Keller Rev Trust					105 Oxford Ln		Branson	MO	65616	
D1-011; D1-013	D1		Mary C Cain Hyde Estate			C/O Jennifer Lea Cain Hayde, Executor		423 Zambezi Ln		Bullard	TX	75757	
X1-007	X1		Mary Helen Energy LLC			C/O Lereta/TX Operation		P O Box 35605		Dallas	TX	75235	
D1-011; D1-013	D1		Mary Lea McKenzie Estate			C/O Lou Ann Mc Kenzie		P O Box 1604		Fort Stockton	TX	79735	
D1-011; D1-013	D1		Marylyn J McKenzie Estate					P O Box 1736		Fort Stockton	TX	79752	
L-007	L		Mc Adoo Enterprises					P O Box 307		Seagraves	TX	79359	
X-001	V; W; X		Mc Cloy Thomas Revocable Trust					207 Quincey Ave		Long Beach	CA	90803	
T-028; T-030; Y-001	T; Y		Mc Coy Remme Ranches LTD			C/O Harding & Carbone		1235 North Loop West	Suite 205	Houston	TX	77008	
N-020, N-021; N-024; N-025; N-028; S-004; S-007; S-008	N; S		Mc Intyre Family Real Est LP					P O Box 853		Lindale	TX	75771	
N-021; N-025	N		Mc Intyre Jack Wade					107 N Overland Ave		Fort Stockton	TX	79735	
T-026	T		McCoy Remme Ranches LTD			C/O Harding & Carbone		1235 North Loop West	Suite 205	Houston	TX	77008	
O2-003	O2		McLean Investment Group LLC					8235 Doublas	Suite 1200	Dallas	TX	75225	
Y1-014	B3; W1; X1; Y1		MCM Royalties LLC					P O Box 1540		Midland	TX	79702	
Y1-014	B3; W1; X1; Y1		Meadowbrook Land LLC					P O Box 2296		Midland	TX	79702	
A2-020, A2-037; A2-040	A2		Melba T Carpenter Family Limited Partnership					8946 Shoreview Ln		Humble	TX	77346-2310	
J2-003; M2-001; M2-003, M2-005; N-026; N-029; N-030; N-032; N-033, O2-001; Q-012, Q-013; R-021, S-001; S-010, S-011; S-013; S-014; T-001; T-005; T-006, T-007, T-009; T-011; T-015; T-016; V-004; V-006; V-008, V-010; V-011; V-013; V-014; V-016; W-002; X-002, X-006; X-008; X-009, X1-008	G2; H2; I2; J2; L2; M2, N; O2; Q, R; S; T; V; W; X; X1	24	Mendel Myrtle Inc Agent			C/O Lereta/TX Operation		P O Box 35605		Dallas	TX	75235	
C1-005	C1		Mesa Vineyards LP					P O Box 130		Fort Stockton	TX	79735	
F-030	F		MI4 Minerals LTD					19449 FM 2252		Garden Ridge	TX	78266	
A2-038; O2-004; O2-007	A2, O2; P2		Michael James Morgan Living Trust					P O Box 410266		San Francisco	CA	94141	
T2-002	T2		Midwest Royalties					P O Box 8149		Roswell	NM	88202	
O2-003; T2-002	O2; T2		Miller Agri LTD					2322 Hawthorne		Amarillo	TX	79109	
W1-002	V1; W1		MJR Investing LTD					P O Box 1434		Endinburg	TX	78540-1434	
J2-003; M2-001, M2-002; M2-003, M2-005; N-026; N-029; N-030; N-032; N-033; O2-001; S-010; S-011; S-012; S-013; S-014; T-001; T-005; T-006; T-007; T-008; T-009; T-011, T-015; T-016; V-004; V-016; X-002; X-006, X-008; X-009	G2, H2; I2, J2, L2, M2; N; O2, S, T, V, W, X	24	MJW Partners LP			C/O Vicki Jayson		P O Box 192727		Dallas	TX	75219	
P1-026	P1; Q1; T1		MJW Partners LP			C/O Lereta/TX Operation		P O Box 35605		Dallas	TX	75235	

TractIDs	Segments	HabStrucs	firstname	lastname	suffix	secondname	thirdname	address1	address2	city	state	zip	country
J1-001, J1-005; J1-006; K1-004, M1-001; M1-002; M1-003; M1-004	D3, J1; K1; M1		MM Smithfield Family Limited Partnership Ltd					1844 West San Angelo		Gilbert	AZ	85233	
O-004	O		MMEX Resources Corporation					3616 Far West Blvd	# 117-321	Austin	TX	78731	
D1-011, D1-013	D1		MMH Three Canyon Ranch, LLC					7500 San Felipe St	Suite 410	Houston	TX	77063	
F-011	F		Mobil Oil Company					P O Box 53		Houston	TX	77001-0053	
F-007; I-001; I-008; I-009; J-008; J-013	F; G1; I; J		Mobil Prod Tx & Nm Inc			Prop Tax Div-Mobil Oil		P O Box 64106		Spring	TX	77387	
R-016	R		Monument Water Holding I LLC					310 W Wall	Suite 416	Midland	TX	79701	
G2-002; G2-003	G2; I2; J2		Moore Capital LTD					5842 Westslope Dr		Austin	TX	78731	
U2-008, U2-015; U2-017	U2		Moore Ranch			C/O Amanda Krejci		P O Box 826		Sterling City	TX	76951	
G-010	G		Morey Family LLC					P O Box 1294		Edmond	OK	73083	
F-030	F		Murchison John W Oil & Gas LTD					5956 Sherry Ln	Ste 727	Dallas	TX	75225	
J2-010, M2-013, P1-020, P1-021, P2-001	J2, M2; P1; P2		Myra S Pryor Trust - Frost N/B # 301			C/O Lereta/TX Operation		P O Box 35605		Dallas	TX	75235	
G1-017	G1		N H Ranch Inc					P O Box 730		Fort Stockton	TX	79735	
N-021, N-025, N-028, S-008	N; S		Nail Bay Royalties LLC			C/O Kirkwood & Darby		309 W 7th St	Suite 1020	Fort Worth	TX	76102	
O2-004, O2-007	O2; P2		Nancy KSelf Trust 2 1386-10			C/O Harding & Carbone		1235 North Loop West	Suite 205	Houston	TX	77008	
Z2-002	Z2		Norwest Bank Colorado NA Trustee			Lod Weaver-Deborah W Bennett C/O ICG Lereta LLC		P O Box 8265		Wichita Falls	TX	76307	
C-005, F-019, F-022	C, F		Occidental Permian LTD			Attn: Tax Dept		P O Box 27711		Houston	TX	77227	
F-014, L-007; X1-007	F, L; X1		P H Inc					P O Box 3142		Midland	TX	79702	
R-013	R		Parker Irrevocable Tr			C/O Charles T Butz	James Parker	13708 Beckenham Drive		Little Rock	AR	72212-3721	
L1-015, N1-001, N1-002; N1-003	L1, N1		Partnership Liquidity Investors LLC			C/O Jerome A Fink		1511 Kings Rd		New Port Beach	CA	92663	
G-010	G		Patterson Petroleum LP			C/O Myska & Vandervoort LLC		200 A 10th St		Richmond	TX	77469	
L-007	L		Paul D Beckman, Barbara Bratton & Vicki Sanders					11205 Riverview Way		Houston	TX	77042	
F-019	F		Pec Minerals			C/O Kirkwood & Darby		309 W 7th St	Suite 1020	Fort Worth	TX	76102	
F1-001, F1-002, U1-001	F1; U1; Y1		Pecos County					103 W Callaghan		Fort Stockton	TX	79735	
V-015	V		Pecos County Water Control			& Improvement District #1		4323 N Hwy 1053		Fort Stockton	TX	79735	
J2-002; M2-008	J2; M2		Pecos County Water Control			& Improvement District #1		P O Box 696		Fort Stockton	TX	79735	
O2-005; O2-008	O2, P2		Pecos Eight LLC					4623 Stanford Ave		Dallas	TX	75209	
B-006, B-008, B-009	B		Pecos Legacy Land LLC			C/O Mike Alles		P O Box 372336		Satellite Beach	FL	32937	
P1-023; P1-027	P1; Q1; T1		Pecos Pecan Company LLC					5306 Hollister		Houston	TX	77040	
F-006; F-007; F-008, I-009; J-003; J-004; J-005; J-012	F; I, J		Pecos Ss LLC					P O Box 7262		Eagle Pass	TX	78853	
C3-004; D1-017, D1-021, D1-024; D1-026; D1-029; D1-031	C3; D1		Peggy Harral Testamentary Trust					Drawer A		Fort Stockton	TX	79735	
L-012	L		Permian Basin Mineral			Gerald Lyda, Sr ,Pres		3811 Cardinal Ln		Midland	TX	79707-1927	
Y1-014	B3; W1, X1, Y1		Permian Basin Royalty LLC					200 W Hwy 6	Ste 320	Woodway	TX	76712	
M2-010	J2; M2		Petro Waste Pecos County Disposal Facility LP			C/O Stancil Property Tax LLC		200 South 10th St		Richmond	TX	77469	
T-002, W-005	T, W		Philbrick Family LLC					7662 SE 22nd St		Mercer Island	WA	98040	
L-007	L		Plagens Petroleum LLC					201 W Wall St	Suite 409	Midland	TX	79701	
L1-001	C3; D1, L1; N1		Powell Family Revocable Trust			C/O Phyllis E Jacob, Trustee		3009 Post Oak Blvd	Suite 1300	Houston	TX	77056	
G-010	G		Production Gathering Co LP					8150 N Central Expy	Ste 1475	Dallas	TX	75206	
G-010	G		Prospector LLC					P O Box 429		Roswell	NM	88202	
J2-010; M2-013, P1-020; P1-021; P2-001	J2; M2; P1; P2		Pryor Mineral Co LTD					736 E Guenther		San Antonio	TX	78210	
A2-004; A2-005, A2-008; A2-009, A2-011	A2		Puckett Dow Trs			C/O Harding & Carbone		1235 North Loop West	Suite 205	Houston	TX	77008	
A2-003	A2		Puckett Dow Trs					1235 North Loop West	Suite 205	Houston	TX	77008	
H-012	G; G1; H, I		Pure Resources LLC			C/O Chevron Midcontinent Lp		P O Box 285		Houston	TX	77001	
R-015	R		R & R Royalty LTD					500 N Shoreline	# 322	Corpus Christi	TX	78401	
G-019	F		R D Goodrich Asset Partners LP			C/O Lereta/TX Operation		P O Box 35605		Dallas	TX	75235	
B-006; B-008; B-009	B		R M Locke Bard Rev Trust			Ruth M Locke Bard & Linda Morrison Trustee		3435 US Hwy 160		Walnut Shade	MO	65711	

TractIDs	Segments	HabStrucs	firstname	lastname	suffix	secondname	thirdname	address1	address2	city	state	zip	country
P1-020, P1-021	P1		Raymond Mangum - Frost N/B # 1138			C/O Lereta/TX Operation		P O Box 35605		Dallas	TX	75235	
F-019	F		RJP Royalty Trust			C/O Holley Phelps McGehee		395 Grandview St		Memphis	TN	38111	
D1-022; D1-023, D1-025; D1-027, D1-028; D1-032	D1		Robbins Moore Family Partnership LP					10011 S CR 1213		Midland	TX	79706	
F-022	F		Robert A Welch Foundation			C/O Stancil & Co		13636 Breton Ridge	Suite D	Houston	TX	77070-6077	
P-026, P-033, Q-001	P; Q; U		Robert Craig Warner Exempt Trust					P O Box 195		Decatur	TX	76234	
M1-005; M1-006; M1-007, N1-013, N1-015; N1-016, N1-017	M1; N1		Robert Craig Warner Non-Exempt Trust					P O Box 195		Decatur	TX	76234	
X-001	V; W; X		Robert D & Judy J Colvin Revocable Trust					225 Beach Rd	Unit 605	Tequesta	FL	33469	
M2-007	M2		Roca Development LLC					6400 S Fiddlers Green Cir	Suite 2100	Greenwood Village	CO	80111	
T-012	T		Rock River Minerals LP			C/O Kirkwood & Darby		309 W 7th St	Suite 1020	Fort Worth	TX	76102	
F-037	F, L; M		Royalty Repository II LLC			C/O Kirkwood & Darby		309 W 7th St	Suite 1020	Fort Worth	TX	76102	
R1-002, R1-003; R1-004, X2-003; Y2-003; Y2-004; Y2-005; Y2-006; Y2-007, Y2-008, Y2-009; Y2-010, Y2-011; Y2-012, Y2-013; Y2-014, Y2-015; Y2-016; Y2-017, Y2-018; Y2-019, Y2-020, Y2-021, Y2-022, Y2-023; Z2-001	R1; X2; Y2; Z2		Saidor Nevada Turman, Kenji Setson Rye Turman, & Miko Dyani Turman			C/O Saidor Turman, Executor		P O Box 398		Fort Stockton	TX	79735	
P-001; P-002, P-003; P-004, P-005; P-006; P-012, R1-001, R1-015, R1-019	P; R1; Z2		Sarah E Sibley Trust			C/O Frost National Bank Trustee Attn Hampton D Pratka		P O Box 2950		San Antonio	TX	78299	
P-002, P-003; P-004, P-005	P		Sarah E Sibley Trust 984			C/O Lereta/TX Operation		P O Box 35605		Dallas	TX	75235	
F-024	F		Scope Oil Co			C/O K E Andrews & Company		1900 Dalrock Rd		Rowlett	TX	75088	
E-004; E-010, E-011	E	1	Scott-Roosevelt Farms Inc			C/O W E Roosevelt, President		4207 Verdant Meadow Ct		Katy	TX	77449	
L-007	L		Self Children Mgmt Trust 1858-10			C/O Harding & Carbone		1235 North Loop West	Suite 205	Houston	TX	77008	
O2-004	O2		Self Children Mgmt Trust 185819			C/O Harding & Carbone		1235 North Loop West	Suite 205	Houston	TX	77008	
L-007	L		Self Children Revocable Trust			C/O Harding & Carbone		1235 North Loop West	Suite 205	Houston	TX	77008	
F-014; L-007; X1-007	F; L, X1		Sevenways Venture Capital LTD					6125 Luther Ln		Dallas	TX	75225	
M-003	M		SH Permian Minerals, LLC					P O Box 470426		Fort Worth	TX	76147	
E-012	E		Shirley C Kirkpatrick Trust					P O Box 2024		Carmel	CA	93921	
P-001, P-002; P-003; P-004; P-005, P-006; P-012; R1-001; R1-015; R1-019	P, R1; Z2		Sibley & Potts Foundation			C/O Allen G McGuire & Robert W Bechtel Trustees		P O Box 2111		Midland	TX	79702	
O2-003; T2-002	O2; T2		Simicolen I LP			C/O Bilco Brick Corp		2116 N Lancaster Hutchins Rd		Lancaster	TX	75146	
A2-023; A2-025, A2-033; B2-001; B2-003; B2-004; D2-002, D2-004; S2-004	A2, B2; C2; D2; E2, K2, S2		Slaughter Ranch Co Inc					P O Box 1508		San Angelo	TX	76902	
F-005	F		Snell Living Trust Dated December 11, 2012			Charles & Rhea Snell Trustees		4605 S Lakeridge Dr		Hoover	AL	35244	
I-014, I-016; J-017, J-018; J-024; J-026; L-001; L-003; L-006	I, J, L		Softsearch Investment LP					P O Box 89		Abilene	TX	79604	
J2-003, M2-001, M2-002, M2-003, M2-005, N-026, N-029; N-030, N-032; N-033, O2-001; S-010; S-011; S-012, S-013, S-014; T-001; T-005; T-006, T-007; T-008; T-009; T-011; T-015; T-016; V-014, V-016, X-002, X-006; X-008, X-009	G2; H2; I2, J2; L2; M2; N; O2, S, T; V, W; X	24	Southwestern Medical Foundation			C/O Harding & Carbone		1235 North Loop West	Suite 205	Houston	TX	77008	
O2-003	O2		Sparkling Bluewaters Living Trust					P O Box 591334		San Antonio	TX	78259	
A2-015	A2		Spool Holding LLC			C/O Harding & Carbone		1235 North Loop West	Suite 205	Amarillo	TX	79105-2825	
A2-012; A2-013, A2-018	A2		Spool Holding LLC					P O Box 2825		Amarillo	TX	79105-2825	
T-017	T		Stag Minerals LLC					4455 Camp Bowie Blvd	Ste 114-74	Fort Worth	TX	76107	
A2-027	A2		State of Texas			Dept of Criminal Justice		1098 RR 2037		Fort Stockton	TX	79735	
Q-011; X1-009	Q, V; X1		State of Texas			Texas Transportation Commission		125 East 11th St		Austin	TX	78701	

TractIDs	Segments	HabStrucs	firstname	lastname	suffix	secondname	thirdname	address1	address2	city	state	zip	country
B1-007, B1-009, B1-011; B1-013; B1-015, C1-001; C1-004, C1-006; C2-005; D2-003; E2-003, F1-007, F1-009; F1-011; F1-013, F1-015; F1-016, G2-004; H1-004, H1-006, H1-008, M1-009; M2-009; M2-011, N1-010, S-015; Y1-016; Y1-017; Z1-001	B1, B2; B3; C1; C2, D1; D2; E2; F1; G2; H1, H2; I1; I2, J1, K2, M1, M2; N, N1, Y1, Z1		State of Texas			Asset Management Div-Gen Land		1700 N Congress	Rm 720	Austin	TX	78701	
N1-007	N1		State of Texas					1700 N Congress	Rm 720	Austin	TX	78701	
F1-017; H1-002	F1; H1		State of Texas			Tx Comptroller - Property Tax Div		1700 N Congress	Rm 720	Austin	TX	78701	
Q2-002	Q2		State of Texas Acting By & Through Tx Transportation Comm					3901 E Hwy 80		Odessa	TX	79761	
L1-001	C3, D1; L1; N1		States Royalty LTD Partnership					P O Box 5677		Abilene	TX	79608	
J-002	F, J		Stingley Family Trust 1999			C/O Charles R & Joan T Stingley, Trustees		36 Wessex Way		San Carlos	CA	94070-1739	
H-006, H-008, J-001	H; J		Sullivan Chocolate LLC					11216 Tamiami Trail North	Suite 138	Naples	FL	34110	
H-011, I-001	G1, H; I		Sun Valley Farms Inc			A Texas Limited Partnership		P O Box 431		Comanche	TX	76442-0431	
A2-001	A2; N1; O1		Susan E Large Trust			Larry A Wollyung & Cheryl Kellner Co-Trustees		P O Box 183		Loveland	OH	45140-0183	
C-005	C		Susan E Sizemore as Custodian for Logan Sizemore Under Texas Uniform Transfer to Minors Act					300 High School Ave		Battle Ground	IN	47920	
P1-017; P1-018; P1-019	P1		Tafti Enterprise LLC					P O Box K		Mclean	VA	22101	
C-005	C		Tanner Sizemore Under Texas Uniform Transfer to Minors Act			Junior Sizemore as Custodian		157 Tomahawk Ln		Battle Ground	IN	47920	
D1-011; D1-013	D1		Ted McKenzie Special Needs Trust			C/O Austin Trust Company, Trustee		336 South Congress	Suite 100	Austin	TX	78704	
C-005	C		Texas Biomedical Research Institute			C/O Corbett Chistie		P O Box 460549		San Antonio	TX	78245	
A2-024; A2-026; E-012; I1-011, P1-008; P1-010, P1-011	A2, E; I1; P1		Texas Dept of Transportation			South Orient Railroad R O W		125 East 11th St		Austin	TX	78701-2483	
F-009; F-010; F-012; F-013, F-014; F-015, F-016, F-017; F-018, J-006; J-009, J-011, J-013; J-014, J-015	F; J		Texas Fresh Farms LLC					7815 Long Shadows Dr		Sugarland	TX	77479	
A2-036, A2-043; A2-045, B2-002; M2-004; M2-006, N-019; N-022; N-023, N2-002, N2-007; N2-010; N2-011, O2-002; S2-001; S2-006, S2-007, S2-010, S2-014, S2-015; T2-001; T2-003, U2-001; U2-002, V-001; V-003, V-005	A2; B2; K2; L2; M2; N; N2, O2; S2, T2, U2; V; X1		Texas Pacific and Trust					1700 Pacific Ave	Suite 2770	Dallas	TX	75201	
P-015	P		Texas Veterans and Board			Vlb Acct # 571-163554 C/S Texas Veterans Land Board		1700 N Congress Ave		Austin	TX	78701	
J2-009	J2		TGWW LLC					400 W Illinois	Suite 950	Midland	TX	79701	
F-028, O-002	F; O		The Bridget Dunken Trust					2775 Club Valley Ct		Jonesboro	GA	30236	
R1-026	R1		The Bullock Management Partnership LTD					P O Box 46		Midland	TX	79702	
G-007; G1-001	G; G1; H; I		The Estate of Eddie Mae Woodward			Ernest F. Woodward, Lowell L Woodward, Boyd L Woodward, And Loyd D Woodward, As Successor Co-Independent Executors		HC 73 Box 409		Girvin	TX	79740	
G-007; G1-001	G, G1, H, I		The Estate of Louis F Woodward			Ernest F. Woodward, Lowell L. Woodward, Boyd L Woodward, And Loyd D. Woodward, As Successor Co-Independent Executors		HC 73 Box 409		Girvin	TX	79740	
B-010	B		The Gerald E Self Trust			Republic Bank First of National Midland, Successor Trustee		1235 North Loop West	Suite 205	Houston	TX	77008	

TractIDs	Segments	HabStrucs	firstname	lastname	suffix	secondname	thirdname	address1	address2	city	state	zip	country
J-002	F; J		The Joe N Turner Oil & Gas Trust Agreement			C/O Joe Noyes, Trustee		8869 San Diego Dr		Yucca Valley	CA	92284	
A1-003; A1-007, Z-003	A1; C; Z		The Meyer Family Trust, Dated May 02, 1995			C/O George F Meyer & Kay E. Meyer, Trustee Udt		2620 New Haven Place		Oxnard	CA	93035	
F-035; J2-005; O-005, O-006; O-007; O-008, O-009; O-010, O-011; X2-004	F; J2; O; X2		The Polly L. Brooks Trust			Polly L. Brooks, As Trustee		3524 Knickerbocker Rd	Suite B N 106	San Angelo	TX	76904	
O-012; X2-001	O; X2, Y2		The Polly L Brooks Trust			W J Stroman Trustee		3524 Knickerbocker Rd	Suite B N 106	San Angelo	TX	76904	
B-010	B		The Redlands Royalty Company, LLC					814 NW 16th		Oklahoma City	OK	73106	
T2-002	T2		The Roy G Barton, Sr. & Opal Barton Revocable Trust			Roy G. Barton aka George Barton, Trustee		1919 N Turner St		Hobbs	NM	88240	
A2-010	A2		The Sherman Hammond Testamentary Trust					P O Box 1730		Fort Stockton	TX	79735	
A2-034	A2		The Susan Lorraine Smith Patterson Trust			Susan Lorraine Patterson Trustee		P O Box 311836		New Braunfels	TX	78131	
T-019	T		Tinkler Jim					P O Box 626		Fort Stockton	TX	79735	
I-019; K-001	I; J; K		Titan Lansing Transloading LLC					P O Box 1353		Levelland	TX	79336	
U2-009, U2-013; U2-016; U2-018	U2		Trust 34497			Northern Trust Co Trustee		P O Box 1354		Chicago	IL	60690-1354	
I-003; L-011; R-007, R-009; R-010	I; L; R		Tytex Properties LTD					6363 Woodway	Suite 875	Houston	TX	77057	
A1-002; A1-004; A1-006, A1-008; A1-009; A1-011, A1-012; A1-013; A1-014; A1-015; A1-016; A1-017; A3-001; A3-002; A3-003; A3-004, A3-005; A3-006; A3-007; A3-008; A3-009; A3-010; B1-001; B1-002; B1-003; B1-004; B1-005; B1-006; B1-008, B1-010; B1-012; B1-014; C1-002; C1-003; C1-005; C1-007; C3-001; C3-002, C3-003; C3-006; C3-007; D1-001; D1-003; D1-004, D1-005, D1-006, D1-007, D1-008; D1-009; D1-010; D3-001; E1-011; E1-012; E1-013; E1-014; E1-015, F1-005; F1-006, F1-008; F1-010, F1-012; F1-014; G1-019; G1-020; G1-021; G1-022; G1-023; G1-024, G1-025; G1-026, G1-027; G1-028; G1-029; H1-001, H1-003, H1-005; H1-007; I-011, I-013; I-015; I-017, I-018; I-019; I1-001; I1-002; I1-003; I1-004, I1-005, I1-006; I1-007, I1-008, I1-009; I1-010; J1-002; J1-003; J1-004; K-001; K-002; K1-001; K1-002; K1-003; K1-005; L1-002; L1-004; L1-006; L1-008, L1-012; L1-014; O1-005; O1-006; P1-001; P1-002, P1-005; P1-006, P1-009; P1-014; P1-015, P1-022; Z-001; Z-002; Z-004	A; A1; A3; B1; C; C1; C3; D1; D3, E1, F1, G1; H1; I; I1; J; J1; K; K1; L; L1; M1; N1; O; P1; Z		University of Texas (Pu Fund)			Tx Comptroller - Property Tax Div	Attn: Puf Coordinator	P O Box 13528		Austin	TX	78711-3528	
X-001	V; W; X		Valley Equipment Inc					402 Bluemont Cir		Manhattan	KS	66502	
G-010	G		Ventana Exploration Inc					2602 McKenny Ave	Ste 330	Dallas	TX	75204	
W1-002	V1; W1		Victoria Trading Co LLC					P O Box 1077		Endinburg	TX	78540	
G-003	G		Vrooman Family Trust			Leslie Benavides Trustee		1885 Stevely Ave		Long Beach	CA	90815	
N-031; S-009; V-007	N, S; V		W W Collins Holdings LP					3821 Lands End		Fort Worth	TX	76109-3234	
O2-003; T2-002	O2; T2		W L. Pickens Grandchildren's Joint Venture			C/O K E Andrews & Company		1900 Dalrock Rd		Rowlett	TX	75088	
E-001	E; H		Waikiki Partners LP					P O Box 2127		Midland	TX	79702	
F-014; F-016; F-018	F		Wallfam Limited					1811 Heritage Blvd	Ste 200	Midland	TX	79707	
P-002; P-003; P-004, P-005	P		WE Minerals LLC					2304 Watts	Downstairs Apt	Houston	TX	77030	

TractIDs	Segments	HabStrucs	firstname	lastname	suffix	secondname	thirdname	address1	address2	city	state	zip	country
P-001; P-002; P-003; P-004; P-005; P-006, P-012; R1-001, R1-015; R1-019	P; R1; Z2		WE Salt Grass Ranch LLC					309 N 6th		Alpine	TX	79830	
J2-003; M2-001; M2-002, M2-003, M2-005; N-026; N-029; N-030, N-032; N-033; O2-001, S-010; S-011, S-012, S-013; S-014, T-001; T-005, T-006; T-007, T-008, T-009; T-011; T-015; T-016; V-014, V-016; X-002, X-006; X-008; X-009	G2, H2; I2; J2; L2, M2; N; O2; S, T, V; W; X	24	Webb School					P O Box 488		Bell Buckle	TN	37020	
F-022	F		Welch Legatees Trust 2			C/O George McGehee		P O Box 7643		Horseshoe Bay	TX	78657	
F-022	F		Wellbark Resources LLC			C/O Mitchell Stack		P O Box 702346		Dallas	TX	75370	
G-010	G		Western Oil Producers Inc					P O Box 2800		Midland	TX	79702	
F-020	F		William C Benoit Trust			William C Benoit Trustee		301 Timberline Dr		Joliet	IL	60431	
A2-002	A2		William Notley Puckett Trust			Tr2245/46/47/48/4419 C/O Harding & Carbone - First Republicbank Midland, N A., Trustee		1235 North Loop West	Suite 205	Houston	TX	77008	
W-005	W		William Potter Johns Irrevocable Trust			Christopher K Johns Trustee		601 Sawyer St	Ste 650	Houston	TX	77007	
M-010	M, N		William W Hargus Testamentary Trust			Betty Hargus Trustee		P O Box 730		Fort Stockton	TX	79735	
T-010	T		Wolf Bone Ranch Partners LLC			C/O Overbeck Properties		P O Box 5874		Midland	TX	79704	
W1-001, W1-003	V1, W1		Wood Family Trust			James E Wood & Derek E Wood As Co-Trustees		200 Hernandez Ave		Los Gatos	CA	95030	
J-020; J-021	J		Yakka Operations LLC					P O Box 2078		Abilene	TX	79604	
F-014	F		Yeager Properties					7373 Broadway	Ste 406	San Antonio	TX	78209-3268	
P-027	P		Yucca Investments LLC					P O Box 706		Sanderson	TX	79848	
R1-023	R1		Zack & Sarah Smyer Revocable Trust			Zack & Sarah Smyer Co-Trustees		402 Cedar Ln		Tuttle	OK	73089	
I-014; I-016; J-016; J-017; J-018; J-019, J-023, J-024; J-026, L-001; L-006	I, J, L		ZPZ Delaware I LLC			C/O Stancil & Co		P O Box 149		Richmond	TX	77406	

LCRA
ENERGY • WATER • COMMUNITY SERVICES
LCRA TRANSMISSION SERVICES CORPORATION

AEP TEXAS
An AEP Company

November 7, 2018

«FirstName» «LastName» «Suffix»
«SecondName»
«Address1»
«Address2»
«Address3»
«City», «State» «Zip»

Re: ***Joint Application of LCRA Transmission Services Corporation and AEP Texas Inc. to Amend their Certificates of Convenience and Necessity for the Proposed Bakersfield to Solstice 345-kV Transmission Line Project in Pecos County, Texas***

PUBLIC UTILITY COMMISSION OF TEXAS (PUC) DOCKET NO. 48787

Dear «Formal»:

As part of our efforts to keep you and the public informed about electric transmission projects, we want you to know LCRA Transmission Services Corporation and AEP Texas Inc. are requesting approval from the Public Utility Commission of Texas (PUC) to amend their Certificate of Convenience and Necessity (CCN) to construct the proposed Bakersfield to Solstice 345-kV Transmission Line Project in Pecos County, Texas. The proposed transmission line will connect LCRA TSC's existing Bakersfield Station located approximately 38 miles northeast of the City of Fort Stockton off of Farm to Market Road 1901 to AEP Texas' existing Solstice Switch Station located approximately 29 miles west of the City of Fort Stockton on the north side of Interstate Highway 10 near Hovey Road. LCRA TSC will construct, own, operate and maintain the eastern half of the transmission line connecting to LCRA TSC's Bakersfield Station and AEP Texas will construct, own, operate and maintain the western half of the transmission line connecting to AEP Texas' Solstice Switch Station. The entire project will range from approximately 68 to 92 miles in length and is estimated to cost approximately $194 million to $237 million (including station costs), depending upon the final route chosen by the PUC.

If you have questions about the transmission line, you can call Regulatory Affairs Case Managers Sonya Strambler at 512-578-1856 or Randy Roper at 512-481-4572. The descriptions of the proposed routing alternatives and a map showing the proposed alternative routes are enclosed for your convenience.

The CCN application, including detailed routing maps illustrating the proposed transmission line project and project area, may be reviewed at these locations:

- LCRA offices at 3505 Montopolis Drive, Building D, Austin, Texas 78744. An appointment must be made to obtain or review the map at LCRA at 512-578-1856;
- AEP Texas offices at 400 W. 15th Street, Suite 1500, Austin, Texas 78701. An appointment must be made to obtain or review the map at AEP Texas at 512-481-4572;
- The project website at www.lcra.org/baksol;
- And the Pecos County Clerk, 200 S. Nelson Street, Fort Stockton, Texas 79735.

All routes and route segments included in this notice are available for selection and approval by the Public Utility Commission of Texas.

The enclosed brochure entitled "Landowners and Transmission Line Cases at the PUC" (also available online at www.puc.texas.gov) provides basic information about how you may participate in this docket, and how you may contact the PUC. Please read this brochure carefully. The brochure includes sample forms for making comments and for making a request to intervene as a party in this docket. ***The only way to fully participate in the PUC's decision on where to locate the transmission line is to intervene in the docket. It is important for an affected person to intervene because LCRA TSC and AEP Texas are not obligated to keep affected people informed of the PUC's proceedings and cannot predict which route may or may not be approved by the PUC.***

In addition to the contacts listed in the brochure, you may call the PUC's Customer Assistance Hotline at 888-782-8477. Hearing- and speech-impaired individuals with text telephones (TTY) may contact the PUC's Customer Assistance Hotline at 512-936-7136, or toll free at 800-735-2989. If you wish to participate in this proceeding by becoming an intervenor, the deadline for intervention in the proceeding is December 27, 2018, and the PUC should receive a letter from you requesting intervention by that date. Mail the request for intervention and 10 copies of the request to:

Public Utility Commission of Texas
Central Records
Attn: Filing Clerk
1701 N. Congress Ave.
P.O. Box 13326
Austin, Texas 78711-3326

People who wish to intervene in the docket must also mail a copy of their request for intervention to all parties in the docket and all people who have pending motions to intervene, at or before the time the request for intervention is mailed to the PUC. In addition to the intervention deadline, other important deadlines may already exist that affect your participation in this docket. You should review the orders and other filings already made in the docket. The enclosed brochure explains how you can access these filings.

Thank you for your interest in this project.

Sincerely,

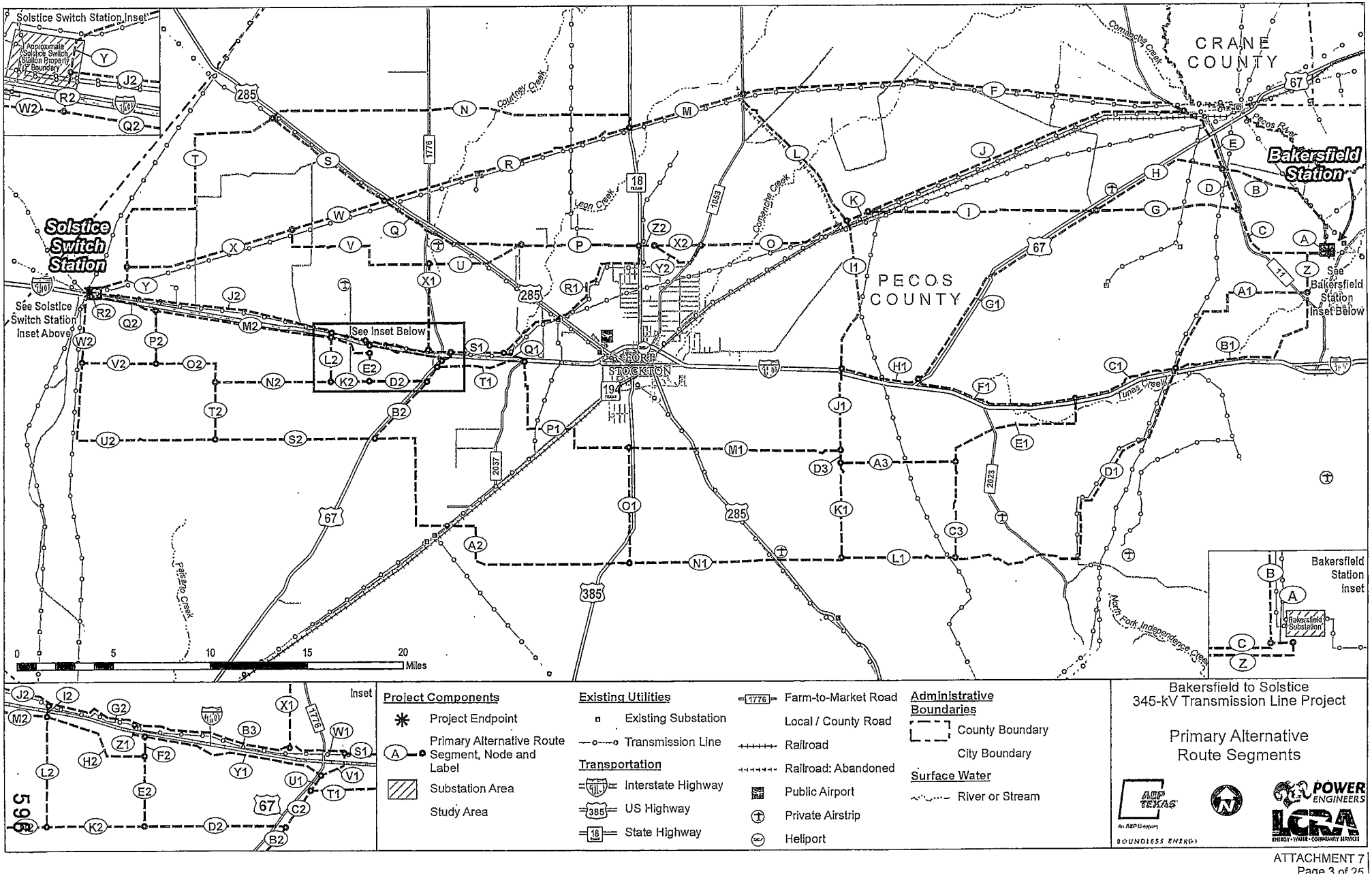
Sonya Strambler

Randy Roper

Sonya Strambler
Regulatory Case Manager
Lower Colorado River Authority
P.O. Box 220, MS DSC-D140
Austin, Texas 78767

Randy Roper
Regulatory Case Manager
AEP Texas, Inc.
400 W. 15th Street, Suite 1500
Austin, Texas 78701

Enclosures



Bakersfield to Solstice
345-kV Transmission Line Project

Primary Alternative Route Segments

AEP TEXAS
an AEP company
BOUNDLESS ENERGY

POWER ENGINEERS
LCRA
ENERGY • WATER • COMMUNITY SERVICES

LCRA Transmission Service Corporation and American Electric Power, Texas Inc.
Bakersfield to Solstice 345-kV Transmission Line Project in Pecos County, Texas
PUCT Docket No. 48787
Description of the Primary Alternative Routes

LCRA Transmission Services Corporation (LCRA TSC) and American Electric Power, Texas Inc. (AEP Texas) have filed a joint application with the Public Utility Commission of Texas (PUC) to amend their Certificate of Convenience and Necessity (CCN) to construct the Bakersfield to Solstice 345-kV Transmission Line Project in Pecos County, Texas. In their CCN application for this project, LCRA TSC and AEP Texas have presented 25 alternative routes comprised of 82 segments for consideration by the PUC. The following table lists the segment combinations that make up LCRA TSC and AEP Texas' 25 alternative routes and the length of each alternative route in miles. All routes and segments are available for selection and approval by the PUC. Only one multi-segment transmission line route will ultimately be constructed. Alternative routes are not listed in any order of preference or priority.

PRIMARY ALTERNATIVE ROUTES	SEGMENT COMBINATION	TOTAL LENGTH IN MILES
1	A-B-E-F-M-R-W-X-Y	70.8
2	A-C-G-I-K-O-X2-Z2-P-Q-W-X-Y	67.8
3	A-C-G-I-K-O-X2-Z2-R1-S1-W1-B3-G2-J2	69.5
4	A-C-G-I-K-L-M-R-W-X-Y	71.2
5	A-B-E-J-K-O-X2-Z2-P-Q-W-X-Y	71.8
6	A-C-D-E-J-K-O-Y2-Z2-P-U-V-X-Y	74.3
7	A-B-E-J-K-O-Y2-Z2-P-U-X1-B3-G2-J2	75.8
8	A-B-E-F-M-N-T-Y	77.3
9	A-C-D-E-F-M-R-S-T-Y	71.2
10	Z-B1-C1-F1-H1-J1-M1-P1-Q1-S1-W1-B3-G2-J2	78.7
11	A-C-G-I-K-O-X2-Z2-P-Q-S-T-Y	75.6
12	A-B-H-G1-H1-J1-M1-P1-Q1-S1-W1-B3-G2-J2	80.4
13	Z-A1-C1-F1-H1-J1-M1-P1-T1-C2-D2-E2-F2-Z1-G2-J2	81.0
14	A-C-G-G1-H1-J1-M1-P1-T1-C2-D2-K2-L2-I2-J2	81.2
15	Z-B1-C1-F1-H1-J1-M1-P1-T1-C2-D2-K2-N2-O2-P2-Q2-R2	82.6
16	Z-A1-C1-F1-H1-J1-M1-P1-T1-C2-D2-K2-N2-O2-V2-W2-R2	83.9
17	Z-A1-C1-F1-H1-I1-O-X2-Z2-P-U-V-X-Y	81.3
18	Z-B1-D1-L1-N1-O1-P1-Q1-S1-V1-Y1-F2-H2-M2-Q2-R2	88.4
19	Z-A1-C1-F1-H1-J1-M1-P1-Q1-S1-V1-U1-C2-B2-S2-U2-W2-R2	89.1
20	Z-B1-C1-E1-C3-L1-N1-A2-S2-T2-O2-P2-Q2-R2	89.9
21	Z-A1-C1-E1-A3-K1-N1-A2-S2-U2-W2-R2	91.6
22	Z-A1-C1-E1-A3-D3-M1-P1-Q1-S1-W1-B3-G2-J2	77.0
23	A-B-E-J-K-O-X2-Z2-R1-S1-W1-B3-G2-J2	73.5
24	A-C-D-E-F-M-R-W-X-Y	71.2
25	Z-A1-C1-E1-A3-D3-M1-P1-T1-C2-D2-K2-N2-O2-V2-W2-R2	82.2

Note: All distances are approximate and rounded to the nearest hundredths of a mile. The distances of individual segments below may not sum to the total length of route presented above due to rounding.

Segment A (see Inset)

Segment A begins at the existing Bakersfield Station, approximately 0.80 miles west of Farm-to-Market (FM) 1901 in Pecos County. The segment exits the southwest side of the existing Bakersfield Station and proceeds west for approximately 0.11 mile. The segment terminates at its intersection with Segments B and C.

Segment B

Segment B begins at its intersection with Segments A and C (see Inset). The segment proceeds north for approximately 1.60 miles, paralleling the west side of an existing transmission line. The segment then angles northwest for approximately 2.25 miles, paralleling the southwest side of an existing transmission line. The segment then angles west-northwest for approximately 1.19 miles, and then angles northwest for approximately 1.77 miles. The segment then angles west-northwest for approximately 0.93 mile, crossing an existing transmission line and FM 11. The segment terminates at its intersection with Segments D, E, and H, on the southwest side of FM 11.

Segment C

Segment C beings at its intersection with Segments A and B (see Inset). The segment proceeds south for approximately 0.02 mile, and then turns west for approximately 3.14 miles. The segment then angles northwest for approximately 2.66 miles, paralleling the northeast side of FM 11. The segment then turns west-southwest for approximately 0.06 mile, crossing FM 11. The segment terminates at its intersection with Segments D and G, on the southwest side of FM 11.

Segment D

Segment D begins at its intersection with Segments C and G, on the southwest side of FM 11. The segment proceeds northwest for approximately 2.24 miles, paralleling the southwest side of FM 11 and crossing an existing transmission line. The segment terminates at its intersection with Segments B, E, and H, on the southwest side of FM 11.

Segment E

Segment E begins at its intersection with Segments B, D, and H, on the southwest side of FM 11. The segment proceeds northwest for approximately 1.62 miles, paralleling the southwest side of FM 11. The segment then angles west-northwest for approximately 1.14 miles, crossing United States Highway (U.S. HWY) 67 and two existing transmission lines. The segment then angles west-northwest for approximately 0.57 mile, and then angles north for approximately 0.18 mile, crossing an existing railroad and FM 11. The segment then turns west for approximately 0.42 mile, paralleling the northeast side of FM 11 and crossing an existing transmission line. The segment terminates at its intersection with Segments F and J, on the northeast side of FM 11.

Segment F

Segment F begins at its intersection with Segments E and J, on the northeast side of FM 11. The segment proceeds northwest for approximately 0.98 mile, paralleling the northeast side of FM 11 and crossing an existing transmission line. The segment then angles west for approximately 6.98 miles, paralleling the north side of an existing transmission line, immediately crossing FM 11 and crossing an existing transmission line. The segment then angles northwest for approximately 0.15 mile, then angles west for approximately 0.18 mile, and then angles west-southwest for approximately 0.15 mile. The segment then angles west-northwest for approximately 5.40 miles, paralleling the north side of an existing transmission line. The segment then angles west-southwest for approximately 8.45 miles, paralleling the north side of an existing transmission line and crossing Comanche Creek. The segment then angles southwest for approximately 0.70 mile, paralleling the north side of an existing transmission line. The segment terminates at its intersection with Segments L and M, on the east side of FM 1053 and on the north side of an existing transmission line.

Segment G
Segment G begins at its intersection with Segments C and D, on the southwest side of FM 11. The segment proceeds west for approximately 1.08 miles, crossing an existing transmission line. The segment then angles west-northwest for approximately 0.31 mile. The segment then angles west for approximately 0.69 mile, and then angles west-southwest for approximately 1.34 miles, crossing an existing transmission line. The segment then angles west for approximately 3.91 miles. The segment terminates at its intersection with Segments H, I, and G1, on the southeast side of U.S. HWY 67.

Segment H
Segment H begins at its intersection with Segments B, D, and E, on the southwest side of FM 11. The segment proceeds west-northwest for approximately 2.41 miles, crossing an existing transmission line. The segment then angles southwest for approximately 4.93 miles, paralleling the southeast side of U.S. HWY 67. The segment terminates at its intersection with Segments G, I, and G1, on the southeast side of U.S. HWY 67.

Segment I
Segment I begins at its intersection with Segments G, H, and G1, on the southeast side of U.S. HWY 67. The segment proceeds west for approximately 5.15 miles, crossing U.S. HWY 67. The segment then angles southwest for approximately 0.13 mile, and then angles west for approximately 6.53 miles, crossing an existing transmission line, an existing railroad, and an existing transmission line. The segment terminates at its intersection with Segments J and K, on the northwest side of an existing transmission line.

Segment J
Segment J begins at its intersection with Segments E and F, on the northeast side of FM 11. The segment proceeds southwest for approximately 0.06 mile, crossing FM 11. The segment then angles west for approximately 4.14 miles, paralleling the north side of an existing transmission line. The segment then angles southwest for approximately 13.13 miles, paralleling the northwest side of an existing transmission line. The segment terminates at its intersection with Segments I and K, on the northwest side of an existing transmission line.

Segment K
Segment K begins at its intersection with Segments I and J, on the northwest side of an existing transmission line. The segment proceeds southwest for approximately 1.22 miles, paralleling the northwest side of an existing transmission line. The segment terminates at its intersection with Segments L, O, and I1, on the northwest side of an existing transmission line.

Segment L
Segment L begins at its intersection with Segments K, O, and I1, on the northwest side of an existing transmission line. The segment proceeds northwest for approximately 1.06 miles. The segment then angles north-northwest for approximately 1.83 miles, paralleling the northeast side of an abandoned railroad. The segment then angles northwest for approximately 4.38 miles, paralleling the northeast side of an abandoned railroad and crossing Comanche Creek. The segment then angles north for approximately 0.22 mile, and then turns west for approximately 0.23 mile. The segment than angles northwest for approximately 0.63 mile, paralleling the northeast side of an abandoned railroad. The segment then angles north for approximately 0.45 mile, paralleling the east side of FM 1053 and crossing